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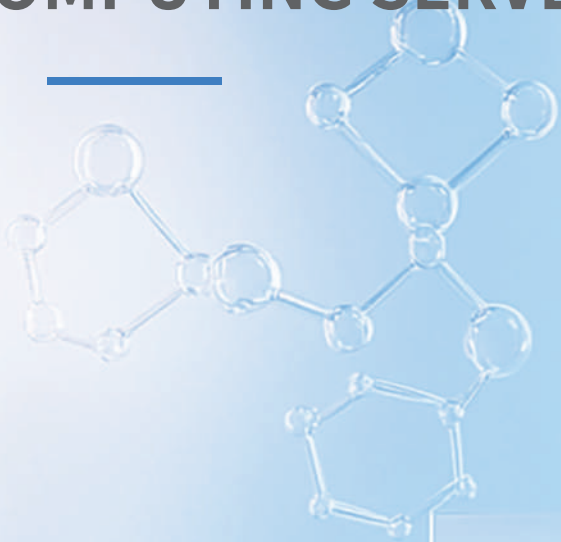
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GENERAL COMPUTING SERVER



Application Fields

Cloud Computing/Heterogeneous Computing/HPC/Big Data/Artificial Intelligence

Intel Birch Stream Dual-Socket High-End Server

ESLC201A-G5



Product Overview

ESLC201A-G5 is an artificial intelligence computing server developed based on Intel's latest Birch Stream platform, featuring powerful computing capabilities and extremely high scalability to meet the application needs across various AI business scenarios.

Product Features

New Architecture, Ultimate Performance

- 2U dual-socket rackmount, supporting 12 SAS/SATA/NVMe hard drives
- Supports 1/2 6th Gen Intel® Xeon® Scalable processors
- DDR5 and PCIe 5.0 technology to accelerate data transfer speeds

Flexible Topology, Key Applications

- Supports up to 12 PCIe slots
- Low power consumption, strong expandability, high reliability, easy management, and easy deployment
- Supports X16 signal OCP

Rich Ecosystem, Stable and Reliable

- Supports IPMI 2.0
- Redundant design of key system components and modular design of functional components to enhance product reliability and maintainability
- Supports intelligent remote management, intelligent remote fault diagnosis, ensuring 7*24 hour efficient and stable operation of the product

Application Scenarios



IT Core Business



Virtualization



Cloud Computing



Big Data Processing



HPC



Distributed Storage



Enterprise Market



Telecommunication

Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	Supports 1/2 6th Gen Intel® Xeon® Scalable processors, with a maximum TDP of 350W
Memory	32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz memory
Hard Drives	Front: 12x 3.5" SAS/SATA/NVMe hard drives Internal: 2x 2280-size M.2 (SATA/NVMe)
PCIe Expansion	6x Full-height PCIe slots, 4x Half-height PCIe slots, 2x OCP 3.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V 800W, 1300W, 1600W, 2000W, 2200W, 2600W 1+1 redundant power supply (configured based on actual power requirements)
Fans	Standard 4 Hot-Swap N+1 redundant fans, supporting 8038/8056 specifications
Dimensions	814.7 x 435.8 x 87.8mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Eagle Stream Dual-Socket High-End Server

ESLC101A-G4



Product Overview

Intel Eagle Stream 1U dual-socket high-end server, accommodating 1/2 4th/5th Gen Intel® Xeon® Scalable processors, 32 DIMM DDR5 memory slots, 2 M.2 interfaces, 1 RJ45 management port, and 5 PCIe 5.0 expansion slots, delivering strong computing performance and flexible configurations for various industry applications.

Product Features

Enhanced Computing Performance

- Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors, up to 64 cores each, universal performance improvement of 15%.
- 4 UPI 2.0 buses, each with a rate up to 16 GT/s, CPU communication rate improvement of 25%.
- 32 DDR5 4400/4800/5600 MT/s ECC memory, 50% improvement in memory bandwidth.
- PCIe standard slots and OCP 3.0 slots, fully compliant with PCIe 5.0 protocol, 100% increase in bandwidth.

Excellent Storage with Flexible Expansion

- Mix of 8 3.5"/2.5" SATA/SAS/U.2 and 2 U.2 hard drives, providing massive data storage capabilities.
- Up to 3 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots for expansion.

Convenient Management, Intelligent Maintenance

- iKVM remote management functionality for keyboard, monitor, and mouse access.
- Modular design allows efficient hot-swapping of peripheral components without downtime.
- Automatic fault log saving and remote diagnosis for faster issue resolution.
- Real-time monitoring of critical component status, with automatic fault reporting for improved intelligence.

Application Scenarios



Product Specifications

Component	Description
Form Factor	1U Rackmount
Processor	Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors, TDP up to 350W
Memory	32 DDR5 memory slots, compatible with DDR5 RDIMM 4400/4800/5600 MHz memory
Hard Drives	Front: 8x 2.5" SAS/SATA/U.2 drives and 2x 2.5" U.2 drives
	Internal: 2x SATA/NVMe M.2 SSD
PCIe Expansion	Up to 3 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 7x 4056 hot-swappable fans
Dimensions	799 x 444 x 43.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Eagle Stream Dual-Socket High-End Server

ESLC201A-G4



Product Overview

Intel Eagle Stream 2U dual-socket high-end server, designed on the 4th/5th Gen Intel® Xeon® scalable processor platform, offers powerful performance and diverse expansion as a flagship 2U dual-socket server. Its flexible configurations can effectively meet the diverse workloads of data centers.

Product Features

Enhanced Computing Performance

- Supports 1/2 4th/5th Gen Intel® Xeon® scalable processors, with up to 64 cores each, universal performance improvement of 15%.
- 4 UPI 2.0 buses, each with a rate up to 16 GT/s, CPU communication rate improvement of 25%.
- 32 DDR5 4400/4800/5600 MT/s ECC memory, 50% improvement in memory bandwidth.
- PCIe standard slots and OCP 3.0 slots, fully compliant with PCIe 5.0 protocol, 100% increase in bandwidth.

Excellent Storage with Flexible Expansion

- Mix of 12 3.5"/2.5" SATA/SAS/U.2 drives, providing massive data storage capabilities.
- Up to 10 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots for expansion needs.

Convenient Management, Intelligent Maintenance

- iKVM remote management functionality for keyboard, monitor, and mouse access.
- Modular design allows efficient hot-swapping of peripheral components without downtime.
- Automatic fault log saving and remote diagnosis for faster issue resolution.
- Real-time monitoring of critical component status, automatic fault reporting for improved intelligence.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	Supports 1/2 4th/5th Gen Intel® Xeon® scalable processors, TDP up to 350W
Memory	32 DDR5 memory slots, compatible with DDR5 RDIMM 4400/4800/5600 MHz memory
Hard Drives	Front: 12x 3.5" SAS/SATA/U.2 drives; 24x 2.5" SAS/SATA/U.2 drives
	Rear: 4x 2.5" SAS/SATA/U.2 drives
	Internal: 2x SATA/NVMe M.2 SSD
PCIe Expansion	Up to 10 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 800W, 1300W, 1600W, 2000W, 2200W, 2600W with 1+1 redundant power (configured based on actual power)
Fans	Standard 4x 8038 hot-swappable N+1 redundant fans, optional 8056 temperature-controlled fans
Dimensions	799 x 433.4 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Eagle Stream Dual-Socket High-End Server

ESLC401A-G4



Product Overview

Intel Eagle Stream 4U dual-socket high-end server, supports 1 or 2 4th/5th Gen Intel® Xeon® scalable processors, with 32 DDR5 DIMM slots, 2 M.2 interfaces, 1 RJ45 management port, and 12 PCIe 5.0 expansion slots. Its powerful computing performance and highly flexible configuration meet the needs of various industry applications.

Product Features

Enhanced Computing Performance

- Supports 1/2 4th Gen Intel® Xeon® scalable processors, with up to 64 cores per processor, 15% increase in general performance.
- 4 UPI 2.0 buses, each with a maximum rate of 16 GT/s, 25% improvement in CPU communication rate.
- 32 DDR5 4400/4800/5600 MT/s ECC memory, with a 50% increase in memory bandwidth.
- PCIe standard slots and OCP 3.0 slots, fully compliant with PCIe 5.0 protocol, 100% increase in bandwidth.

Excellent Storage with Flexible Expansion

- Supports up to 36 3.5"/2.5" SATA/SAS drives, providing extensive data storage capacity.
- Up to 10 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots for expansion needs.

Convenient Management, Intelligent Maintenance

- iKVM remote management functionality for easy remote control via keyboard, monitor, and mouse.
- Modular design allows efficient hot-swapping of peripheral components without downtime.
- Automatic fault log saving and remote diagnosis for faster issue resolution.
- Real-time monitoring of key component status with automatic fault reporting for enhanced intelligence.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1/2 4th/5th Gen Intel® Xeon® scalable processors, TDP up to 350W
Memory	32 DDR5 memory slots, compatible with DDR5 RDIMM 4400/4800/5600 MHz memory
Hard Drives	Front: 24x 3.5" SAS/SATA drives
	Rear: 12x 2.5" SAS/SATA drives; 4x 2.5" SAS/SATA/U.2 drives
	Internal: 2x SATA/NVMe M.2 SSD
PCIe Expansion	Up to 10 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 800W, 1300W, 1600W, 2000W, 2200W, 2600W with 1+1 redundant power (configured based on actual power)
Fans	Standard 8x 8038 hot-swappable N+1 redundant fans
Dimensions	830 x 444 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Eagle Stream Dual-Socket General Server

EASC201A-G4



Product Overview

EASC201A-G4 is the latest entry-level product based on the Eagle Stream platform. Designed for universal applications, it achieves performance, expansion, and cost-effectiveness. This 2U dual-socket server product flexibly meets diverse workload requirements across various scenarios

Product Features

Computing Performance, Comprehensive Upgrades

- Supports 1/2 Intel® Xeon® 4th/5th Generation Scalable processors, with a maximum of 64 cores per processor.
- Supports 4 UPI 2.0 buses, with each UPI offering a maximum transfer rate of 16 GT/s.
- Supports 16 DDR5 5600MT/s ECC memory modules, with a 75% increase in memory bandwidth.
- Fully supports PCIe 5.0 protocol, with a 100% increase in bandwidth.

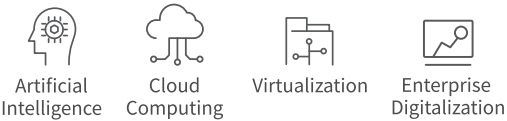
Superior Storage, Flexible Expansion

- Supports 8/12 x 3.5/2.5" drives, providing users with massive data storage capacity.
- Up to 9 PCIe 5.0 half-height, full-length, single-width slots to meet expansion needs.

Convenient Management, Intelligent Maintenance

- Offers iKVM remote management capabilities for remote operation via keyboard, monitor, and mouse, ensuring greater convenience.
- Features a modular design that enables the replacement of peripheral components without system downtime, enhancing efficiency.
- Automatically saves fault logs and supports remote diagnostics, providing faster issue resolution.
- Real-time monitoring of critical component status with automatic fault reporting, ensuring smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	Supports 1/2 Intel® Xeon® 4th/5th Gen Scalable processors, with a maximum TDP of 350W
Memory	16 DDR5 slots, supporting DDR5 4400/4800/5600MT/MHz RDIMM
Hard Drives	Front: 8x 3.5/2.5" SATA/SAS drives; 8x 3.5/2.5" SATA/SAS/NVMe hot-swappable drives and 4x SATA/SAS drives
PCIe Expansion	Up to 9 PCIe 5.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports 800W/1300W/1600W/2000W CRPS 1+1 redundant power supply
Fans	Standard configuration of 4x 8038 hot-swappable N+1 redundant fans
Dimensions	745 x 444 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Whitley Dual-Socket High-End Server

ESLC101A-G3



Product Overview

Intel Whitley 1U dual-socket high-end server, developed on the 3rd Gen Intel® Xeon® Scalable processor platform, delivers powerful performance and diverse expandability in a 1U flagship dual-socket server. Flexible configurations meet the diverse workload demands of data centers.

Product Features

Superior Computing Power

- Supports the full range of Intel® Ice Lake processors, with up to 270W TDP, up to 40 cores, and a maximum frequency of 3.6 GHz, featuring comprehensive enhancements in cores, frequency, cache, and interconnect channels.

Availability and Security

- Fully modular design for hard drives, power supply, fans, and PCIe modules simplifies maintenance, accelerates issue resolution, and enhances system availability.
- RAID levels determined by different RAID controllers ensure data integrity.

Massive Storage Scalability

- Up to 32 DIMM memory slots and 10 2.5" hot-swappable drives provide extensive data storage capacity and superior expandability.
- 3 PCIe expansion slots meet additional computing and networking expansion requirements.

Application Scenarios



Product Specifications

Component	Description
Form Factor	1U Rackmount
Processor	Supports 1/2 3rd Gen Intel® Xeon® Scalable processors, with a maximum TDP of 270W
Memory	32 DDR4 memory slots, supporting 2666/2933/3200 MHz DDR4 memory
Hard Drives	Front: 10x 2.5" SAS/SATA/U.2 drives; 4x 3.5/2.5" SAS/SATA drives Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 2 PCIe standard slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Equipped with 7 hot-swappable 4056 fans
Dimensions	748 x 433.4 x 43.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Whitley Dual-Socket High-End Server

ESLC201A-G3



Product Overview

Intel Whitley 2U dual-socket high-end server, developed on the 3rd Gen Intel® Xeon® Scalable processor platform, delivers robust performance and diverse expansion options in a flagship 2U configuration. Its flexible configurations meet the varied workloads of data centers.

Product Features

Exceptional Computing Power

- Supports the full range of Intel® Ice Lake processors, with up to 270W TDP, 40 cores, and a maximum frequency of 3.6 GHz; supports up to 2 high-power GPUs, with comprehensive enhancements to core count, frequency, cache, and interconnect channels.

Availability and Security

- Fully modular design for hard drives, power supply, fans, and PCIe modules simplifies maintenance, accelerates issue resolution, and increases system availability.
- RAID levels are configurable based on different RAID controllers to ensure data integrity.

Massive Storage Scalability

- Up to 32 DIMM slots and up to 12 front 3.5" + rear 4x3.5" or 4x2.5" hot-swappable drives offer vast data storage and excellent expansion.
- Equipped with up to 11 PCIe expansion slots to support computing and network expansion needs.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	Supports 1/2 3rd Gen Intel® Xeon® Scalable processors, maximum TDP of 270W
Memory	32 DDR4 DIMM slots, supports 2666/2933/3200 MHz DDR4 memory
Hard Drives	Front: 8~12x 3.5" SAS/SATA/U.2 drives; 25x 2.5" SAS/SATA drives Rear: 4x 2.5" SAS/SATA/U.2 drives Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe standard slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 4 x 8038 hot-swappable N+1 redundant fans, optional 8056 temperature-controlled fans
Dimensions	748 x 433.4 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Whitley Dual-Socket High-End Server

ESLC401A-G3



Product Overview

Intel Whitley 4U dual-socket high-end server, designed based on the 3rd Gen Intel® Xeon® Scalable processor platform, delivers powerful performance and extensive expansion capabilities in a 4U flagship dual-socket configuration. Its versatile configurations flexibly meet diverse data center workloads.

Product Features

Exceptional Computing Power

- Supports Intel® Ice Lake processors with TDP up to 270W, up to 40 cores per CPU, and a maximum frequency of 3.6 GHz. Capable of supporting two high-power GPUs, with comprehensive enhancements in cores, frequency, cache, and interconnect channels.

Availability and Security

- Fully modular design for hard drives, power supply, fans, and PCIe modules, simplifying maintenance, speeding up issue resolution, and enhancing system availability.
- RAID levels can be adjusted based on the specific RAID controller to ensure data integrity.

Massive Storage Scalability

- Supports up to 32 DIMM memory slots and up to 36 front 3.5" drives, along with 4 rear hot-swappable 3.5" or 4x 2.5" drives, providing massive data storage and superior expandability.
- Equipped with 11 PCIe expansion slots, meeting the demands for computing and network expansion.

Application Scenarios


Virtualization


Cloud Computing


Big Data Processing


HPC


Distributed Storage


Enterprise Market


Telecommunication

Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1/2 3rd Gen Intel® Xeon® Scalable processors, with a maximum TDP of 270W
Memory	32 DDR4 DIMM slots, supporting 2666/2933/3200MHz DDR4 memory
Hard Drives	Front: 24x 3.5" SAS/SATA drives
	Rear: 12x 2.5" SAS/SATA drives; 4x 2.5" SAS/SATA/U.2 drives
	Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe standard slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 8 x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Purley Dual-Socket High-End Server

ESLC101A-G2



Product Overview

Intel Purley 1U dual-socket high-end server is a 1U rackmount system based on the second-generation Intel® Xeon® Scalable processor architecture. This server is designed to meet demanding requirements for high network bandwidth, superior computing power, and large memory capacity, making it ideal for users in big data, business intelligence, financial services, and public or private cloud environments.

Product Features

Exceptional Computing Power

- Supports 1/2 first- or second-generation Intel® Xeon® Scalable processors (Skylake & Cascade Lake series), with a maximum TDP of 205W
- Up to 28 cores per processor, delivering powerful computational capabilities
- Supports up to 2 high-power GPUs.

Availability and Security

- Modular design for hard drives, power supply, fans, and PCIe modules simplifies maintenance, speeds up troubleshooting, and enhances system availability.
- RAID level is determined based on RAID controller type to ensure data integrity.

Massive Storage Scalability

- Supports up to 24 DIMM memory slots and up to 10 hot-swappable 2.5" SATA/SAS/U.2 drives, providing high-speed data storage capabilities
- 3 PCIe expansion slots to meet both computational and network expansion needs.

Application Scenarios


Virtualization


Cloud Computing


Big Data Processing


HPC


Distributed Storage


Enterprise Market


Telecommunication

Product Specifications

Component	Description
Form Factor	1U Rackmount
Processor	Supports 1/2 1st/2nd Gen Intel® Xeon® Scalable processors, TDP up to 205W
Memory	24 DDR4 DIMM slots, supports 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 4x 3.5" SAS/SATA drives; 10x 2.5" SAS/SATA/U.2 drives
	Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 2 PCIe full-height, single-width, half-length slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 7 x 4056 hot-swappable fans
Dimensions	748 x 433.4 x 43.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Purley Dual-Socket High-End Server

ESLC201A-G2



Product Overview

Intel Purley 2U dual-socket high-end server, designed based on the second generation Intel® Xeon® Scalable processors, is a 2U rack-mount dual-socket server. This product meets the demands of various applications for high network bandwidth, high computing performance, and large memory capacity, particularly suitable for users with stringent server requirements in big data, business intelligence, financial services, and both public and private cloud environments.

Product Features

Ultra High Computing Power

- Supports 1/2 Intel® Xeon® Scalable processors from the first and second generations, Sky Lake & Cascade Lake series, with a maximum TDP of 205W.
- Single processor can have up to 28 cores, providing powerful computing capability.
- Supports 2 high-power GPUs.

Availability and Security

- Fully modular design for hard drives, power supplies, fans, and PCIe modules simplifies maintenance, accelerates problem resolution, and improves system availability.
- RAID levels are determined by different RAID controllers, ensuring data integrity.

Massive Storage Scalability

- Supports up to 24 DIMM memory slots. Can accommodate up to 25 hot-swappable 2.5" drives and 4 additional 3.5" or
- 4 2.5" hot-swappable drives, providing users with extensive data storage capacity and excellent expandability.
- Includes 11 PCIe expansion slots to meet computing and networking expansion needs.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	Supports 1/2 1st/2nd Gen Intel® Xeon® Scalable processors, TDP up to 205W
Memory	24 DDR4 memory slots, supports 2400/2666/2933MHz DDR4 memory
Hard Drives	Front: 8~12x 3.5" SAS/SATA/U.2 hard drives; 25x 2.5" SAS/SATA hard drives
	Rear: 4x 3.5" SAS/SATA hard drives; 4x 2.5" SAS/SATA/U.2 hard drives
	Internal: 2 x NVMe M.2 SSD
PCIe Expansion	Up to 10 PCIe standard slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard configuration: 4 x 8038 hot-swappable N+1 redundant fans, optional 8056 temperature-controlled fans
Dimensions	748 x 433.4 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Purley Dual-Socket High-End Server

ESLC401A-G2



Product Overview

Intel Purley 4U Dual-Socket High-End Server is designed based on the 2nd generation Intel® Xeon® Scalable processors, featuring a 4U rackmount configuration. This product meets the high demands of various businesses for high network bandwidth, high computing performance, and large memory capacity, making it particularly suitable for users in big data, business intelligence, financial services, and both public and private cloud environments.

Product Features

Ultra High Computing Power

- Supports 1/2 Intel® Xeon® Scalable Sky Lake & Cascade Lake series processors, with a maximum TDP of 205W.
- Each processor can have up to 28 cores, providing powerful computing capability.
- Supports 2 high-power GPUs.

Availability and Security

- Fully modular design for hard drives, power supplies, fans, and PCIe modules, simplifying maintenance, accelerating problem resolution, and enhancing system availability.
- RAID level is determined based on different RAID controllers, ensuring data integrity.

Massive Storage Scalability

- Supports a maximum of 24 DIMM memory slots.
- Can accommodate up to 36 x 3.5" hot-swappable hard drives, plus 4 x 3.5" or 4 x 2.5" hot-swappable hard drives, providing users with vast data storage capacity and excellent scalability.
- Features 11 PCIe expansion slots to meet computational and networking expansion needs.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1/2 1st/2nd Gen Intel® Xeon® Scalable processors, TDP up to 205W
Memory	24 DDR4 memory slots, supporting 2400/2666/2933MHz DDR4 memory
Hard Drives	Front: 24x 3.5" SAS/SATA hard drives
	Rear: 12x 3.5" SAS/SATA hard drives; 4x 2.5" SAS/SATA/U.2 hard drives
	Internal: 2x NVMe M.2 SSD
PCIe Expansion	Up to 10 PCIe standard slots and 1 OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard configuration includes 8 x 8038 hot-swappable N+1 redundant fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Genoa Dual-Socket High-End Server

ESRC201A-G4



Product Overview

AMD EPYC Genoa 2U Dual-Socket High-End Server is a versatile 2U rackmount server designed to meet the demands of the internet, IDC (Internet Data Center), cloud computing, enterprise markets, and telecommunications applications.

Product Features

Enhanced Computing Performance

- Supports 1/2 AMD EPYC 9004 (Genoa) series processors, with up to 128 cores and 256 threads per CPU. Maximum CPU TDP of 400W, clock speeds up to 4.4 GHz, and up to 1150MB L3 cache per CPU.
- Supports 24 DDR5 RDIMM memory slots, offering high availability and up to 6TB of memory capacity.
- Equipped with PCIe standard slots and an OCP 3.0 slot, fully supporting PCIe 5.0 for a 100% increase in bandwidth.

Outstanding Storage, Flexible Expansion

- Supports three front panel chassis configurations:①8 x 3.5" drive bay chassis ②12 x 3.5" drive bay chassis ③25 x 2.5" drive bay chassis, providing extensive data storage capabilities.
- Supports up to 10 PCIe 5.0 standard slots and 1 OCP 3.0 slot for meeting various expansion needs.

Convenient Management, Intelligent Maintenance

- Offers iKVM remote management for convenient access to keyboard, video, and mouse for remote administration.
- Modular design allows hot-swappable peripheral components, enhancing maintenance efficiency.
- Automatically saves error logs and supports remote troubleshooting for faster issue resolution.
- Real-time monitoring of critical components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 AMD EPYC 9004 (Genoa) series processors, up to 400W TDP
Memory	24 DDR5 slots, supporting 4800/4400 DDR5 RDIMM memory
Hard Drives	Front: 8x 3.5" SAS/SATA/U.2, 12x 3.5" SAS/SATA/U.2, or 25x 2.5" SAS/SATA
	Rear: Optional 4x 2.5" SAS/SATA/U.2
	Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 full-height, 4 half-height) and 1 OCP 3.0 slot
Power Supply	Options of 800W, 1300W, 1600W, 2000W, 2200W hot-swap redundant power (configured based on actual power requirements)
Fans	Standard 4 x 8038 hot-swap N+1 redundant fans, with optional 8056 temperature-controlled fans
Dimensions	748 x 433.4 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Genoa Dual-Socket High-End Server

ESRC401A-G4



Product Overview

AMD EPYC Genoa 4U dual-socket high-end server is a versatile 4U Rackmount server designed to meet the demands of the internet, Internet Data Center (IDC), cloud computing, enterprise markets, and telecom applications.

Product Features

Enhanced Computing Performance

- Supports 1/2 AMD EPYC 9004 (Genoa) series processors, with up to 128 cores and 256 threads per CPU, a maximum frequency of 4.4 GHz, and up to 1150MB L3 cache per CPU.
- Supports 24 DDR5 RDIMM memory slots, providing high availability and up to 6TB memory capacity.
- Equipped with PCIe standard slots and an OCP 3.0 slot, fully supporting PCIe 5.0 protocol.
- Native motherboard support for NVMe (M.2) cache interfaces, catering to the high computational needs of cloud computing, big data, and virtualization.

Outstanding Storage, Flexible Expansion

- Multiple 12Gb SAS/SATA adaptive backplanes available for flexible and convenient configurations.
- Supports up to 10 PCIe standard slots and 1 OCP 3.0 slot; custom expansions available through adapter cards to suit customer needs.

Convenient Management, Intelligent Maintenance

- iKVM remote management function allows remote management via keyboard, display, and mouse for added convenience.
- Modular design enables hot-swapping of peripheral components for efficient maintenance.
- Automatic fault log saving and remote diagnostic support for quicker trouble-shooting.
- Real-time monitoring of key components with automated fault reporting for intelligent management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1/2 AMD EPYC 9004 (Genoa) series processors, TDP up to 360W
Memory	24 DDR5 memory slots, supports DDR5 RDIMM 4800/4400
Hard Drives	Front: 24x 3.5/2.5" SAS/SATA hard drives
	Rear: Optional 2x 2.5" SAS/SATA/U.2 hard drives + 12hot-swappable 3.5/2.5" SAS/SATA hard drives
	Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 full-height PCIe slots, 4 half-height PCIe slots) and 1 OCP 3.0 slot
Power Supply	Supports 800W, 1300W, 1600W, 2000W, 2200W hot-swappable redundant power (configured based on actual power)
Fans	Standard 8 x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket High-End Server

ESRC101A-G3



Product Overview

AMD EPYC 1U dual-socket high-end standard server supports AMD EPYC 7003 (Milan), 7002 (Rome), and 7001 (Naples) series processors. Equipped with 32 DDR4 DIMM memory slots, it also includes 2 onboard M.2 interfaces, 2 gigabit LAN ports, 1 RJ45 management port, and 2 PCIe expansion slots.

Product Features

- Superior Performance**
- Based on the latest AMD EPYC™ third-generation Milan processors, each CPU offers up to 64 cores and 128 threads, supporting TDP up to 240W and a maximum frequency of 3.7 GHz.
 - Supports up to 32 DDR4 memory slots, with a maximum frequency of 3200MHz, and compatible with both RDIMM and LRDIMM, providing excellent speed and high availability.
- Flexible Expansion**
- Optional internal M.2 module support for diverse storage needs.
 - Equipped with 2 PCIe 4.0 high-speed expansion slots and 1 OCP 3.0 slot, offering extensive expansion capabilities that can be customized to customer requirements via adapter cards.
- Efficient Management**
- iKVM remote management function allows remote management via keyboard, display, and mouse for added convenience.
 - Includes a 1+1 redundant power supply with hot-swappable support, ensuring system stability.
 - Features an intelligent temperature-controlled fan module with hot-swap capability and excellent anti-vibration design.
 - Automatically logs faults and supports remote diagnostics for faster trouble-shooting.
 - Monitors key component statuses in real time, with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	1U Rackmount
Processor	1/2 AMD EPYC 7003 series processors, compatible with AMD EPYC 7002 and 7001 series, CPU TDP ≤ 240W
Memory	32 DDR4 memory slots, supporting 2666/2933/3200MHz DDR4 memory
Hard Drives	Front: 4x 3.5" SAS/SATA drives; 10x 2.5" SAS/SATA/U.2 drives Internal: 2 x NVMe M.2 SSDs
PCIe Expansion	Up to 2 PCIe full-height, single-width, half-length slots and 1 OCP 3.0 slot
Power Supply	Options for 800W, 1300W, 1600W, 2000W, 2200W hot-swappable redundant power supply (configured based on actual power needs)
Fans	Standard 4x 8038 hot-swappable N+1 redundant fans, with optional 8056 temperature-controlled fans
Dimensions	748 x 433.4 x 43.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket High-End Server

ESRC201A-G3



Product Overview

AMD EPYC 2U Milan/Rome dual-socket high-end server is designed for a broad range of applications, including Internet, IDC (Internet Data Center), cloud computing, enterprise markets, and telecom business needs, making it a versatile 2U dual-socket Rackmount server.

Product Features

- Superior Performance**
- Built on the latest generation AMD EPYC™ 3rd Gen Milan processor, with up to 64 cores and 128 threads per CPU, maximum TDP support of 280W, and a peak frequency of 3.7 GHz.
 - Supports up to 32 DDR4 memory slots, with maximum memory frequency of 3200MHz, compatible with RDIMM and LRDIMM types, providing exceptional speed and high availability.
 - Equipped with PCIe standard slots and OCP3.0 slots, fully supporting PCIe 4.0 protocol
- Flexible Expansion**
- Offers three panel configurations: ① 8x3.5" drive bays; ② 12x3.5" drive bays; ③ 25x2.5" drive bays, providing users with extensive data storage options.
 - Supports up to 10 PCIe slots and 1 OCP3.0 slot, meeting diverse expansion requirements.
 - Optional internal M.2 module support to fulfill varied storage needs.
- Efficient Management**
- iKVM remote management capability enables convenient remote management via keyboard, display, and mouse.
 - 1+1 redundant hot-swappable power supply ensures system stability.
 - Intelligent temperature-controlled fan module with hot-swappable support and excellent anti-vibration design.
 - Automatic fault log saving and remote issue diagnosis for quicker trouble-shooting.
 - Real-time monitoring of critical component status with automatic fault reporting for smarter maintenance.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 AMD EPYC 7003 series processors, compatible with AMD EPYC 7002 and 7001 series
Memory	32 DDR4 DIMM slots, supporting 2666/2933/3200MHz DDR4 memory
Hard Drives	Front: 8x 3.5" SAS/SATA/U.2 drives; 12x 3.5" SAS/SATA/U.2 drives; 25x 2.5" SAS/SATA drives Rear: Optional 4x 2.5" SAS/SATA/U.2 drives Internal: 2 x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 PCIe full-height slots, 4 PCIe half-height slots) and 1 OCP 3.0 slot
Power Supply	Options of 550W, 800W, 1300W, 1600W, 2200W redundant power supply (configured based on actual power)
Fans	Standard 4x 8038 hot-swappable fans; optional 8056 temperature-controlled fans
Dimensions	748 x 433.4 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket High-End Server

ESRC401A-G3



Product Overview

AMD EPYC 4U Milan/Rome dual-socket high-end server is a versatile 4U dual-socket rackmount server designed to meet the demands of the Internet, IDC (Internet Data Center), cloud computing, enterprise markets, and telecommunications applications.

Product Features

Superior Performance

- Built with the latest generation AMD EPYC™ 3rd Gen Milan processors, each CPU features up to 64 cores and 128 threads, with TDP support up to 280W and a maximum frequency of 3.7 GHz.
- Supports up to 32 DDR4 memory modules, with maximum frequency of 3200 MHz, compatible with RDIMM and LRDIMM types for high speed and availability.
- Includes PCIe standard slots and OCP 3.0 slot, fully supporting PCIe 4.0 protocol.

Flexible Expansion

- Offers various 12Gb SAS/SATA adaptive backplanes for flexible and convenient storage options.
- Supports up to 10 PCIe standard slots and 1 OCP 3.0 slot, customizable with adapter cards to meet specific expansion needs.

Efficient Management

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1/2 AMD EPYC 7003 series processors, compatible with AMD EPYC 7002 and 7001 series
Memory	32 DDR4 memory slots, supporting 2666/2933/3200 MHz DDR4 memory
Hard Drives	Front: 24x 3.5/2.5" SAS/SATA drives
	Rear: Optional support for 2x 2.5" SAS/SATA/U.2 drives + 12x 3.5/2.5" SAS/SATA drives
	Internal: 2 x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 PCIe x8, 4 PCIe x16) and 1 OCP 3.0 slot
Power Supply	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (configured based on actual power)
Fans	Standard 8x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Single-Socket Standard Server

EASRC201A-G3



Product Overview

AMD EPYC 2U single-socket standard server supports 1 AMD EPYC 7003 (Milan) series processor, compatible with 7002 (Rome) and 7001 (Naples) series processors. Equipped with 16 DDR4 DIMM memory slots, an onboard M.2 slots, 2 Gigabit network interfaces, 1 RJ45 management port, and 10 PCIe expansion slots.

Product Features

Enhanced Computing Performance

- Supports single AMD Milan EPYC 7003 processor, based on Zen 3 core architecture, with up to 32MB L3 cache per core and 19% single-core performance increase.
- Features 16 dual-channel DDR4 memory slots (2666/2933 MHz) and native NVMe (M.2) cache interface on the motherboard, catering to high-performance computing needs.
- Supports 10 PCIe high-speed expansion slots with PCIe 4.0 compatibility.

Superior Storage, Flexible Expansion

- Offers three front panel configurations: ① 8x 3.5" drive bays; ② 12x 3.5" drive bays; ③ 25x 2.5" drive bays, providing extensive data storage capacity.
- Supports up to 10 PCIe slots and 1 OCP 3.0 slot to meet various expansion requirements.
- Optional built-in M.2 module for diverse storage solutions.

Convenient Management, Intelligent Maintenance

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1 AMD EPYC 7003 series, compatible with AMD EPYC 7002 and 7001 series
Memory	16 DDR4 memory slots, supports 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 8x3.5" SAS/SATA/U.2 drives; 12x3.5" SAS/SATA/U.2 drives; 25x2.5" SAS/SATA drives
	Rear: Optional support for 1x 2x2.5" drive module
	Internal: 1 x NVMe M.2 SSDs
PCIe Expansion	Option 1: Horizontal 2 full-height, dual-width + 2 half-height PCIe slots Option 2: 10 half-height PCIe slots (6 PCIe x8, 4 PCIe x16) Option 3: Horizontal 1 full-height, dual-width + 9 half-height PCIe slots Option 4: Horizontal 1 full-height, dual-width + 3 half-height PCIe slots
Power Supply	550W, 800W, 1300W, 1600W, 2200W redundant power options (configured based on actual power requirements)
Fans	Standard 4x 8038 hot-swap fans, optional 8056 temperature-controlled fan
Dimensions	695 x 433 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Single-Socket Standard Server

EASRC401A-G3



Product Overview

AMD EPYC 4U single-socket standard server, supports one AMD EPYC 7003 (Milan) series processor and is compatible with the 7002 (Rome) and 7001 (Naples) series. It includes 16 DIMM DDR4 memory slots, one onboard M.2 slot, two Gigabit Ethernet ports, one RJ45 management port, and 10 PCIe expansion slots.

Product Features

Enhanced Computing Performance

- Supports single AMD Milan EPYC 7003 processor with Zen 3 architecture, providing up to 32MB of L3 cache per core and a 19% improvement in single-core performance.
- Includes 16 dual-channel DDR4/2666/2933 memory slots, with native support for NVMe (M.2) cache interface, catering to high-performance computing needs.
- Equipped with 10 high-speed PCIe expansion slots, compliant with PCIe 4.0 protocol.

Superior Storage, Flexible Expansion

- Offers multiple 12Gb SAS/SATA/NVMe adaptive backplane options for enhanced flexibility and convenience.
- Allows customized expansion with adapter cards tailored to customer-specific requirements.

Convenient Management, Intelligent Maintenance

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1 AMD EPYC 7003 series processor, compatible with AMD EPYC 7002 and 7001 series
Memory	16 DDR4 memory slots, supporting 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 24x 3.5/2.5" SAS/SATA drives
	Rear: Optional support for 1x 2x 2.5" SAS/SATA/U.2 drive
	Internal: 1x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots and 1 OCP 3.0 slot
Power Supply	Options for 550W, 800W, 1300W, 1600W, 2200W redundant power (configured based on actual power)
Fans	Standard 8 hot-swap 8038 fans
Dimensions	695 x 433 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket Standard Server

EASRC201A-G3



Product Overview

AMD EPYC Milan Dual-Socket Standard Server, featuring E-ATX server motherboard, supports up to two AMD EPYC 7003 (Milan) processors and is compatible with the 7002 (Rome) and 7001 (Naples) series. Equipped with 16 DIMM DDR4 memory slots, 1 onboard M.2 port, 2 Gigabit Ethernet ports, 1 RJ45 management port, and 10 PCIe expansion slots.

Product Features

Enhanced Computing Performance

- Supports 1/2 AMD Milan EPYC 7003 processors with Zen 3 architecture, offering up to 32MB of L3 cache per core, delivering a 19% improvement in single-core performance.
- 16 dual-channel DDR4 memory slots supporting 2666/2933 MHz speeds, with native NVMe (M.2) cache interface on the motherboard to meet high computational needs.
- Ten high-speed PCIe expansion slots, supporting PCIe 4.0.

Superior Storage, Flexible Expansion

- Three front panel configurations: (1) 8x3.5" drive bays; (2) 12x3.5" drive bays; (3) 25x2.5" drive bays, providing substantial data storage capacity.
- Supports up to 10 PCIe slots and 1 OCP 3.0 slot to meet expansion requirements.
- Optional internal M.2 module, enabling diverse storage solutions.

Convenient Management, Intelligent Maintenance

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 AMD EPYC 7003 series, compatible with AMD EPYC 7002 and 7001 series
Memory	16 DDR4 memory slots, supports 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 8x3.5" SAS/SATA/U.2 hard drives; 12x3.5" SAS/SATA/U.2 hard drives; 25x2.5" SAS/SATA hard drives
	Rear: Optional, supports 1x2x2.5" hard drive module
	Internal: 1x M.2 SSD
PCIe Expansion	Option 1: Horizontal 2 full-height, dual-width + 2 half-height PCIe slots Option 2: 10 half-height PCIe slots (6 PCIe x8, 4 PCIe x16) Option 3: Horizontal 1 full-height, dual-width + 9 half-height PCIe slots Option 4: Horizontal 1 full-height, dual-width + 3 half-height PCIe slots
Power Supply	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (configured based on actual power)
Fans	Standard: 4x 8038 hot-swappable fans, Optional: 8056 temperature-controlled fans
Dimensions	695 x 433 x 87.6mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket Standard Server

EASRC401A-G3



Product Overview

AMD EPYC 4U Dual-Socket Standard Server, using E-ATX motherboard, supports two AMD EPYC 7003 (Milan) series processors, and is compatible with 7002 (Rome) and 7001 (Naples) series. It features 16 DIMM DDR4 memory slots, 1 onboard M.2 slot, 2 Gigabit Ethernet ports, 1 RJ45 management port, and 10 PCIe expansion slots.

Product Features

Enhanced Computing Performance

- Supports 1/2 AMD Milan EPYC 7003 processors, based on the Zen 3 core, with up to 32MB L3 cache per core, achieving a 19% single-core performance boost.
- Supports 16 dual-channel DDR4/2666/2933 memory slots, with native support for NVMe (M.2) cache interface to meet high computing power demands.
- Supports 10 PCIe high-speed expansion slots, compatible with PCIe 4.0 protocol.

Superior Storage, Flexible Expansion

- Multiple 12Gb SAS/SATA/NVMe adaptive backplanes available for flexible, convenient storage options.
- Customizable expansion needs via adapter cards.

Convenient Management, Intelligent Maintenance

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1/2 AMD EPYC 7003 series processors, compatible with AMD EPYC 7002 and 7001 series
Memory	16 DDR4 memory slots, supports 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 24x3.5/2.5" SAS/SATA drives
	Rear: Optional supports 1x 2x 2.5" SAS/SATA/U.2 drive module
	Internal: 1x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots and 1 OCP 3.0 slot
Power Supply	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power (configured based on actual power)
Fans	Standard 8x8038 hot-swappable fans
Dimensions	695 x 433 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Turin Dual-Socket High-End Server

ESRC201A-G5



Product Overview

ESRC201A-G5 2U Rackmount Server is a new-generation 2U dual-socket rackmount server based on the AMD Turin platform. Suitable for IT core applications, cloud computing, virtualization, high-performance computing, distributed storage, big data processing, enterprise or telecom services, and other complex workloads. The server features low power consumption, strong scalability, high reliability, easy management, and easy deployment.

Product Features

New Architecture, Ultimate Performance

- Supports 2 AMD EPYC Turin 9005 Series processors, compatible with 9004 Series, MAX TDP 500W.
- Powered by the latest DDR5 and PCIe 5.0 technologies for faster data transfer.

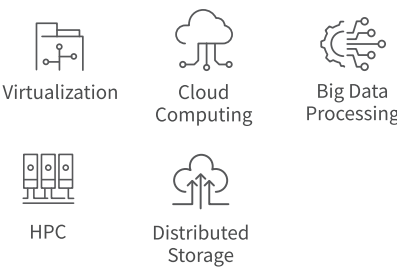
Flexible Topology for Critical Applications

- Supports 12 PCIe 5.0 high-speed expansion slots (including 2 onboard OCP 3.0 NIC), supports smart NIC.
- Supports 2 NVIDIA GeForce RTX 5090 blower-style GPU
- Low power consumption, strong scalability, high reliability, easy management, and easy deployment

Rich Ecosystem, Stable and Reliable

- Supports IPMI 2.0
- Redundant design for key system components and a modular architecture enhance system reliability and simplify maintenance
- Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24×7 operation

Application Scenarios



Product Specifications

Component	Description	
Form Factor	2U 12-Bay Rackmount Server	2U 24-Bay All-Flash Rackmount Server
Processor	Supports 2 AMD EPYC Turin 9005 Series processors, compatible with 9004 Series processors, MAX TDP 500W	
Memory	24 DDR5 memory slots, supports DDR5 RDIMM-3DS/RDIMM 6400 MHz	
Hard Drives	Front:Supports 12 Hot-Swap 3.5-inch SAS/SATA/U.2 drives (8 × SATA + 4 × NVMe)	Front: Supports 24 Hot-Swap 2.5-inch SAS/SATA/U.2 drives
	Rear: Supports 4 Hot-Swap 2.5-inch drives	
	Internal: Supports 2 NVMe M.2 SSDs (2280/22110)	
PCIe Expansion	Up to 12 PCIe expansion slots (including 2 OCP 3.0 slots) (24 NVMe configuration does not support GPU; some PCIe slots will be unavailable)	
Power Supply	2 AC 220V 1600W / 2000W / 2200W / 2700W / 3200W modules, Hot-Swap, 1+1 redundancy	
Fans	4 Hot-Swap N+1 redundant fans, supports 8038/8056 specification	
Dimensions	799 × 433.4 × 87.6 mm (D × W × H)	
Temperature	5°C~35°C (operating temperature may vary based on different configurations)	

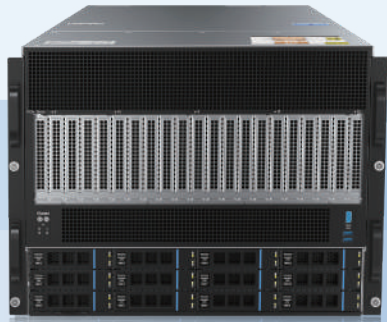
INTELLIGENT COMPUTING SERVER

Applications

Deep Learning / Intelligent Inference / Online Rendering / Data Modeling / Digital Twin

Intel Eagle Stream 8U 8-GPU AI Server

EGC6860AT5



Product Overview

EGC6860AT5 is an AI computing server based on the Intel Eagle Stream platform, offering powerful computing capabilities and exceptional scalability to meet the needs of various AI applications. It is suitable for large-scale models, cloud gaming, artificial intelligence, cloud computing, virtualization, big data analytics, and digital twins.

Product Features

New Architecture, Ultimate Performance

- Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors.
- DDR5 and PCIe 5.0 technologies enhance data transfer speeds.
- CPU-GPU direct connection enables extreme multi-GPU computing power.

Flexible Topology, Key Applications

- CPU-GPU direct connection supports up to 8 GPUs, including 600W dual-width, 3-width, 3.5-width, and 4.5-width GPUs for high-speed and stable operation.
- Supports various CPU-GPU interconnect topologies, including common and performance modes, to suit diverse application scenarios.

Rich Ecosystem, Stable and Reliable

- Compatible with both international and domestic AI accelerator cards.
- Redundant design for critical system components and modular functional components to enhance reliability and maintainability.
- Supports intelligent remote management and fault diagnosis, ensuring 24/7 stable and efficient operation.

Application Scenarios


Large-scale


Cloud Gaming


Artificial Intelligence


Cloud Computing


Virtualization


Big Data Processing


Digital Twin

Product Specifications

Component	Description
Form Factor	Passthrough 8-GPU 12-Bay AI Server
Processor	1/2 4th/5th Gen Intel® Xeon® Scalable processors, with a maximum TDP of 350W
Memory	32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz memory
GPU	Up to 8 GPUs dual-width, 3-width, 3.5-width, 4.5-width configurations, with a maximum GPU width of 89mm
Hard Drives	Front: 12x 2.5/3.5" SAS/SATA/NVMe hot-swappable drives
	Internal: 2 Slimline 4x connectors (SATA), 2x M.2 (SATA/NVMe) SSD
PCIe Expansion	Up to 13 PCIe expansion slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports 8 CRPS 1600W/2200W/2700W power modules, with hot-swap and N+N, N+M redundancy modes
Fans	Standard 6x 6056 and 6x 12038 fans
Dimensions	910mm x 446mm x 364.6mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Eagle Stream 6U 8-GPU AI Server

EGC6660AT5



Product Overview

EGC6660AT5 is an artificial intelligence computing server developed based on the latest Intel Eagle Stream platform, featuring powerful computing capability and highly flexible expansion capability. Supporting CPU–GPU Direct Connection, it delivers high-performance parallel computing, exceptional scalability, high reliability, high energy efficiency, intelligent maintenance, modular design, and an open ecosystem. Designed to meet the requirements of a wide range of AI application scenarios.

Product Features

New Architecture, Extreme Performance

- Supports 1 or 2 × 4th/5th Gen Intel® Xeon® Scalable processors, MAX TDP 350W.
- Powered by the latest DDR5 and PCIe 5.0 technologies for faster data transfer.
- CPU–GPU Direct Connection enables extreme multi-GPU computing performance.

Flexible Topology, Key Applications

- Supports CPU–GPU Direct Connection, enabling up to 8 × 600W dual-width, 3-width, or 3.5-width GPU for high-speed and stable operation.
- Supports up to 13 PCIe standard slots with multiple PCIe configuration options.
- Supports 12 × 3.5/2.5-inch SAS/SATA/U.2 drives and 2 × M.2 (2280/22110, SATA/PCIe) drives.

Rich Ecosystem, Stable and Reliable

- Compatible with domestic and international AI accelerator cards.
- Redundant design for key system components and modular architecture enhance reliability and maintainability.
- Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24×7 operation.

Application Scenarios

Artificial Intelligence

Cloud Gaming

Cloud Computing

Virtualization

Big Data Processing

Digital Twin

Product Specifications

Component	Description
Form Factor	6U 8-GPU 12-Bay AI Server (Direct Connection Architecture)
Processor	Supports 2 × 4th/5th Gen Intel® Xeon® Scalable processors, MAX TDP 385W
Memory	32 DDR5 memory slots, supports DDR5 4400 / 4800 / 5600 MHz memory
GPU	Supports up to 8 × 600W dual-width, 3-width, or 3.5-width GPU, maximum GPU width 70.1 mm
Hard Drives	Front: 12 × 3.5/2.5-inch SAS/SATA/NVMe Hot-Swap drives Internal: 2 × M.2 (2280/22110, SATA/PCIe 3.0 x1)
PCIe Expansion	Up to 13 PCIe expansion slots
RAID Support	Supports RAID 0 / 1 / 5 / 10
Power Supply	Supports 8 power modules, optional 2700W / 3200W power supplies, Hot-Swap, N+N / N+M redundancy
Fans	10 × 8080 Hot-Swap N+1 redundant Fan and 6 × 6056 Hot-Swap N+1 redundant Fan
Dimensions	910 × 447 × 266 mm (D × W × H)
Temperature	5°C – 35°C (varies depending on configuration)

Intel Eagle Stream 4U 8-GPU AI Server

EGC6460AT5



Product Overview

EGC6460AT5 is an AI computing server developed on Intel's latest Eagle Stream platform, offering powerful computing capabilities and highly flexible expansion options. It supports multiple CPU-GPU direct connections and CPU-GPU switch-connected topologies, meeting the application needs across various AI business scenarios.

Product Features

New Architecture, Extreme Performance

- Supports 1/2 fourth/fifth-generation Intel® Xeon® Scalable processors.
- Equipped with the latest DDR5 and PCIe 5.0 technologies, accelerating data transfer rates.
- GPU-CPU direct connection or switch expansion configurations deliver exceptional GPU computing power.

Flexible Topology, Key Applications

- Supports direct connection and switch expansion for CPU-GPU configurations, accommodating up to 8 600W dual-width GPUs for high-speed, stable operations.
- CPU-switch supports PCIe 5.0 x32 interconnect, achieving high-bandwidth communication.
- Supports diverse CPU-GPU interconnect topologies like common and performance configurations, adaptable to more application scenarios.

Rich Ecosystem, Stability and Reliability

- Compatible with both international and domestic AI accelerator cards.
- Redundant design of key system components and modular design of functional parts enhance reliability and maintainability.
- Supports intelligent remote management and diagnostics, ensuring efficient and stable 24/7 operation.

Application Scenarios

Artificial Intelligence

Scientific Computing

Cloud Computing

Virtualization

Big Data Processing

Digital Twin

Product Specifications

Component	Description	
Form Factor	Passthrough 4U 8-GPU 12-Bay AI Server	Expandable 4U 8-GPU 24-Bay AI Server
Processor	1/2 4th/5th Intel® Xeon® Generation Scalable processors, TDP up to 350W	
Memory	32 DDR5 slots, supports DDR5 4400/4800/5600 MHz	
GPU	Up to 8 dual-width GPUs	Up to 8 dual-width GPUs
Hard Drives	Front: 12x 2.5/3.5" SAS/SATA/NVMe drives Internal: 2x M.2 (SATA/NVMe) SSD	24x 2.5" SAS/SATA/NVMe drives
PCIe Expansion	Supports 13 PCIe expansion slots (OCP 3.0 card can be configured as PCIe 5.0 x8 or x16, mutually exclusive with one of the single-width PCIe 5.0 standard slots)	Supports 15 PCIe 5.0 expansion slots + 1 OCP 3.0 slot
RAID Support	RAID 0/1/10 & 5	
Power Supply	Supports AC 220V, options of 2000W, 2200W, 2700W, or 3200W with 3+1/2+2 redundant power (configured based on actual power)	
Fans	Standard 12x 6056 hot-swap N+1 redundant fans	
Dimensions	850 x 444 x 176.5mm (D x W x H)	
Temperature	5°C~35°C (may vary based on configuration)	

Intel Eagle Stream 4U 4-GPU AI Server

EGC6450AT5



Product Overview

EGC6450AT5 is server developed with powerful computing performance and fast storage, based on Intel® 4th or 5th Gen processors. With direct CPU-GPU connectivity, it supports various AI accelerator cards.

Product Features

New Platform Technology

- Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors.
- Supports 16 DDR5 4400/4800/5600 MT/s ECC memory slots with a 75% increase in memory bandwidth.
- Equipped with the latest CXL and PCIe 5.0 technology to enhance data transfer speeds.

Enhanced Expandability

- CPU-GPU interconnect solution supports up to 4 600W dual-width GPU cards for high-speed, stable performance.
- Supports up to 13 PCIe expansion slots.

Stable Performance

- Compatible with AI accelerator cards from international and domestic brands.
- Redundant design for critical system components, modular design for functional parts, enhancing reliability and maintainability.
- Supports intelligent remote management, fault diagnosis, and isolation for reliable 24/7 operation.

Application Scenarios



Artificial Intelligence



Virtualization



Image Rendering



Video Production



Digital Twin

Product Specifications

Component	Description
Form Factor	Passthrough 4U 4-GPU 12-Bay AI Server
Processor	1/2 4th/5th Intel® Xeon® Gen Scalable processors, TDP up to 350W
Memory	16 DDR5 slots, supports DDR5 4400/4800/5600 MHz
GPU	Supports up to 4 dual-width GPUs
Hard Drives	Front: 12× 2.5"/3.5" SAS/SATA drives (supports up to 4× NVMe SSDs)
	Rear: 4x 2.5" SAS/SATA/NVMe drives
	Internal: 2x M.2 (SATA/NVMe) SSD
PCIe Expansion	Standard: 9x PCIe 5.0 full-length, full-height, single-width slots; up to 13 PCIe 5.0 slots supported
RAID Support	RAID 0/1/10&5
Power Supply	Supports AC 220V 2200W, 2700W,3200W 1+1 redundant power (configured based on actual power)
Fans	8x 8038 hot-swappable N+1 redundant fans
Dimensions	760mm x 433mm x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Eagle Stream 4U 4-GPU AI Server

ESYC4104GA-G4



Product Overview

ESYC4104GA-G4 is a server developed with powerful computing performance and fast storage, based on Intel® 4th or 5th Gen processors. With direct CPU-GPU connectivity, it supports various AI accelerator cards.

Product Features

New Platform Technology

- Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors
- Supports 16 DDR5 4400/4800/5600 MT/s ECC memory slots with a 75% increase in memory bandwidth
- Equipped with the latest CXL and PCIe 5.0 technology to enhance data transfer speeds

Enhanced Expandability

- CPU-GPU interconnect solution supports up to 4 600W dual-width GPU cards for high-speed, stable performance
- Supports up to 13 PCIe expansion slots

Stable Performance

- Compatible with AI accelerator cards from international and domestic brands
- Redundant design for critical system components, modular design for functional parts, enhancing reliability and maintainability
- Supports intelligent remote management, fault diagnosis, and isolation for reliable 24/7 operation

Application Scenarios



Artificial Intelligence



Virtualization



Image Rendering



Video Production



Digital Twin

Product Specifications

Component	Description
Form Factor	Passthrough 4U 4-GPU 12-Bay AI Server
Processor	1/2 4th/5th Intel® Xeon® Gen Scalable processors, TDP up to 350W
Memory	16 DDR5 slots, supports DDR5 4400/4800/5600 MHz
GPU	Supports up to 4 dual-width GPUs, 600W each
Hard Drives	Front: 12x 3.5" SAS/SATA hot-swappable drives (4 of which support SATA/SAS/NVMe)
	Rear: 4x 2.5" SAS/SATA/U.2 drives
	Internal: 2x M.2 drives (2280/22110, SATA/NVMe)
PCIe Expansion	Standard: 9x PCIe 5.0 full-length, full-height, single-width slots; up to 13 PCIe 5.0 slots supported
RAID Support	RAID 0/1/10&5
Power Supply	Supports AC 220V 2200W, 2600W 1+1 redundant power (configured based on actual power)
Fans	8x 8038 hot-swappable N+1 redundant fans
Dimensions	760mm x 433mm x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Whitley 4U 4-GPU AI Server

EASC4104GA-G3



Product Overview

Intel Whitley 4U dual-socket 4-GPU AI server is designed as an all-in-one AI training and inference server tailored for vertical model applications. Built on the 3rd Gen Intel® Xeon® Scalable processor platform, it supports multiple GPUs to provide comprehensive performance for GPU computing. This product is compatible with various GPU types, offering high scalability, stability, and ease of management.

Product Features

Enhanced Performance

- Supports 1/2 3rd Gen Intel® Xeon® Scalable Processors with a maximum TDP of 205W.
- 16 DDR4 RECC RDIMM/LRDIMM slots, supporting up to 2TB memory capacity.

Superior Integrated Computing Power

- Equipped with 2 Intel® Xeon® Scalable Processors paired with 4 GPUs for efficient image processing.
- Direct CPU-GPU connections significantly reduce communication latency and enhance graphics processing capability.

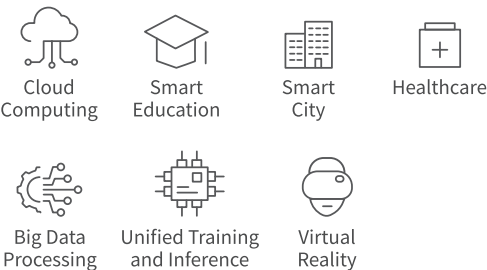
Exceptional Storage, Expansion Capacity

- Supports up to 12 hot-swappable 3.5/2.5" SATA/SAS3.0 drives, providing extensive data storage capability.
- Supports up to 10 PCIe expansion slots for additional scalability.

Outstanding Networking, Management Features

- Onboard Ethernet controller ensures reliable, high-speed network connectivity.
- Includes iKVM (KVM over Ethernet) remote management with a dedicated Gigabit management port, allowing real-time remote system monitoring and operations like power on/off via keyboard, display, and mouse, enabling prompt system maintenance.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U 4-GPU 12-Bay AI Server
Processor	1/2 Intel® Xeon® 3rd Generation Scalable processors, with maximum TDP of 205W
Memory	16 DDR4 slots, supporting DDR4 2666/2933/3200MHz memory
GPU	Supports up to 4 dual-width GPUs, each up to 450W
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA drives Internal: 1x 2280 M.2 (NVMe)
PCIe Expansion	10 PCIe slots, supports 4 full-height, full-length, dual-width 4090 GPUs Supports 6 PCIe 3.0 x8 (in PCIe x16 slot), 1 PCIe 3.0 x16, and 3 PCIe 4.0 x16 Optional support for 4 PCIe 3.0 x8 (in PCIe x16 slot), 2 PCIe 3.0 x16, and 3 PCIe 4.0 x16
RAID Support	RAID 0/1/10&5
Power Supply	Supports AC 220V, options of 2200W or 2600W 1+1 redundant power (configured based on actual power)
Fans	8 hot-swappable 8038 fans
Dimensions	695mm x 433mm x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Eagle Stream 4U 8-GPU AI Server

ESYC4104GA-G4



Product Overview

ESYC4104GA-G4 is an AI computing server developed on Intel's latest Eagle Stream platform, offering powerful computing capabilities and highly flexible expansion options. It supports multiple CPU-GPU direct connections and CPU-GPU switch-connected topologies, meeting the application needs across various AI business scenarios.

Product Features

New Architecture, Extreme Performance

- Supports 1/2 fourth/fifth-generation Intel® Xeon® Scalable processors.
- Equipped with the latest DDR5 and PCIe 5.0 technologies, accelerating data transfer rates.
- GPU-CPU direct connection or switch expansion configurations deliver exceptional GPU computing power.

Flexible Topology, Key Applications

- Supports direct connection and switch expansion for CPU-GPU configurations, accommodating up to 8 600W dual-width GPUs for high-speed, stable operations.
- CPU-switch supports PCIe 5.0 x32 interconnect, achieving high-bandwidth communication.
- Supports diverse CPU-GPU interconnect topologies like common and performance configurations, adaptable to more application scenarios.

Rich Ecosystem, Stability and Reliability

- Compatible with both international and domestic AI accelerator cards.
- Redundant design of key system components and modular design of functional parts enhance reliability and maintainability.
- Supports intelligent remote management and diagnostics, ensuring efficient and stable 24/7 operation.

Application Scenarios



Product Specifications

Component	Description	
Form Factor	Passthrough 4U 8-GPU 12-Bay AI Server	Expandable 4U 8-GPU 24-Bay AI Server
Processor	1/2 4th/5th Intel® Xeon® Generation Scalable processors, TDP up to 350W	
Memory	32 DDR5 slots, supports DDR5 4400/4800/5600 MHz	
GPU	Up to 8 dual-width 600W GPUs	Up to 8 dual-width 600W GPUs
Hard Drives	Front: 12x 3.5" SAS/SATA/NVMe drives Internal: 2x 2280/22110 M.2 (SATA/NVMe)	24x 2.5" SAS/SATA/NVMe drives
PCIe Expansion	Up to 13 PCIe expansion slots (OCP 3.0 card supports PCIe 5.0 x8 or x16, exclusive with 1 PCIe 5.0 single-width slot)	Up to 15 PCIe 5.0 expansion slots + 1 OCP 3.0 slot
RAID Support	RAID 0/1/10 & 5	
Power Supply	Supports AC 220V, options of 2000W, 2200W, 2600W, or 3200W with 3+1/2+2 redundant power (configured based on actual power)	
Fans	Standard 12x 6056 hot-swap N+1 redundant fans	
Dimensions	850 x 444 x 176.5mm (D x W x H)	
Temperature	5°C~35°C (may vary based on configuration)	

Intel Eagle Stream 6U 8-GPU AI Server

ESYC6108GA-G4



Product Overview

ESYC6108GA-G4 is an AI computing server based on Intel's latest Eagle Stream platform, offering powerful computing capability and highly flexible scalability. It supports direct CPU-GPU connections, delivering high performance and parallel computing, high scalability, reliability, energy efficiency, intelligent maintenance, modular design, and an open ecosystem. This server meets the needs of various AI business scenarios.

Product Features

New Architecture, Extreme Performance

- Supports 1/2 Intel® Xeon® 4th/5th Generation Scalable processors, with a maximum TDP of 350W.
- Equipped with the latest DDR5 and PCIe 5.0 technologies for accelerated data transfer rates.
- Direct CPU-GPU connection for optimal multi-GPU computing power.

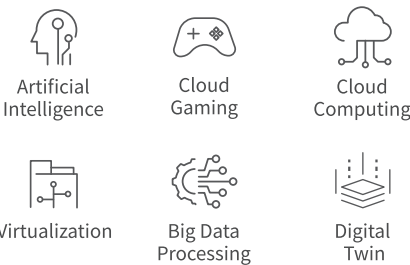
Flexible Configuration, Key Applications

- CPU-GPU passthrough support for stable operation with up to 8 dual-width, 3-width, or 3.5-width GPUs up to 600W each.
- Supports up to 13 standard PCIe slots with multiple PCIe configuration options.
- Supports up to 12 3.5"/2.5" SAS/SATA/U.2 drives and 2 M.2 drives in 2280/22110 size (SATA/PCIe).

Rich Ecosystem, Stability and Reliability

- Compatible with both international and domestic AI accelerator cards.
- Redundant design for critical system components and modular design for functional components, enhancing reliability and maintainability.
- Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24/7 operation.

Application Scenarios



Product Specifications

Component	Description
Form Factor	Passthrough 6U 8-GPU 12-Bay AI Server
Processor	1/2 4th/5th Intel® Xeon® Generation Scalable processors, with a maximum TDP of 350W
Memory	32 DDR5 memory slots, supporting DDR5-4400/4800/5600MHz memory
GPU	Supports up to 8 GPUs with dual-width, 3-width, or 3.5-width configurations, up to 600W each; maximum GPU width of 70.1mm
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe hot-swappable drives Internal: 2x M.2 drives in 2280/22110 sizes (SATA/PCIe 3.0 x1)
PCIe Expansion	Up to 13 PCIe expansion slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports CRPS 2000W/2200W/2600W/3200W power modules, with hot-swap capability and 3+1 redundancy
Fans	Standard 12 hot-swappable 6056 fans and 4 hot-swappable 8038 fans
Dimensions	910mm x 447mm x 265mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Eagle Stream 8U 8-GPU AI Server

ESYC8108GA-G4



Product Overview

ESYC8108GA-G4 is an AI computing server based on the Intel Eagle Stream platform, offering powerful computing capabilities and exceptional scalability to meet the needs of various AI applications. It is suitable for large-scale models, cloud gaming, artificial intelligence, cloud computing, virtualization, big data analytics, and digital twins.

Product Features

New Architecture, Ultimate Performance

- Supports 1/2 4th/5th Gen Intel® Xeon® Scalable processors
- DDR5 and PCIe 5.0 technologies enhance data transfer speeds
- CPU-GPU direct connection enables extreme multi-GPU computing power

Flexible Topology, Key Applications

- CPU-GPU direct connection supports up to 8 GPUs, including 600W dual-width, 3-width, 3.5-width, and 4.5-width GPUs for high-speed and stable operation
- Supports various CPU-GPU interconnect topologies, including common and performance modes, to suit diverse application scenarios

Rich Ecosystem, Stable and Reliable

- Compatible with both international and domestic AI accelerator cards
- Redundant design for critical system components and modular functional components to enhance reliability and maintainability
- Supports intelligent remote management and fault diagnosis, ensuring 24/7 stable and efficient operation

Application Scenarios



Product Specifications

Component	Description
Form Factor	Passthrough 8-GPU 12-Bay AI Server
Processor	1/2 4th/5th Gen Intel® Xeon® Scalable processors, with a maximum TDP of 350W
Memory	32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz memory
GPU	Up to 8 GPUs with 600W dual-width, 3-width, 3.5-width, 4.5-width configurations, with a maximum GPU width of 89mm
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe hot-swappable drives Internal: 2 Slimline 4x connectors (SATA), 2 M.2 slots (2280/22110, SATA/PCIe 3.0 x1)
PCIe Expansion	Up to 13 PCIe expansion slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports 8 CRPS 1600W/2200W/2600W power modules, with hot-swap and N+N, N+M redundancy modes
Fans	Standard 6x 6056 and 6x 12038 fans
Dimensions	910mm x 446mm x 364.6mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Whitley 4U 10-GPU AI Server

Intel Eagle Stream 4U 10-GPU AI Server

EASC4110G-G3

EASC4110GA-G4

Product Overview

Product Overview

Intel Whitley dual-socket 4U 10-GPU AI server is designed for training and inference applications, utilizing the 3rd generation Intel® Xeon® Scalable processors. It supports multiple training GPUs and is specifically built to provide comprehensive performance support for high-density GPU computing. This product is compatible with various GPU types and offers high expandability, stability, and ease of management.

ESRC4108GA-G3 supports 1 or 2 4th or 5th generation Intel® Xeon® Scalable processors, paired with 16 DDR5 4400/4800/5600 MHz memory slots and 4 U.2 solid-state drives, offering ultra-fast data caching. The CPU-GPU switch expansion solution supports a variety of AI accelerator cards, making it suitable for a wide range of AI business scenarios.

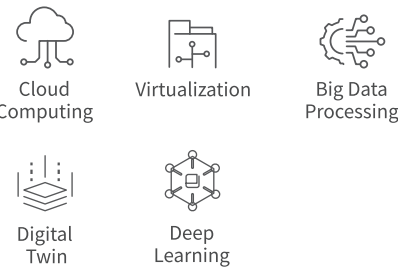
Product Features

Product Features

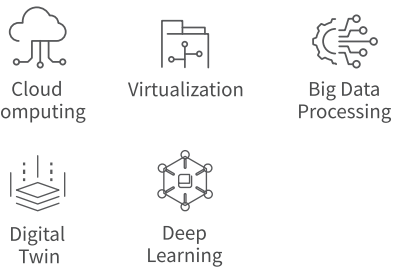
- Ultra-High Computational Power
- Supports Intel® Xeon® Scalable processors (Ice Lake), supporting up to 2 high-power CPUs.
 - Native M.2 interface on the motherboard for extreme computational power.
 - Significant improvements in core performance, frequency, cache, and interconnect channels.
- Exceptional GPU Density Support
- 4U system supports 8-10 dual-width full-height GPUs with switch interconnect.
 - Compatible with NVIDIA GeForce RTX 30/40 series and NVIDIA Tesla A8000 GPUs.
 - Offers multiple power supply options without requiring accessory modifications, providing unmatched architecture for maximum computational performance.
- Efficient Heat Dissipation
- Unique front-mounted GPU bay design ensures that GPUs draw in cooler air.
 - Independent GPU cooling ducts create a front-to-back airflow channel, effectively dissipating the heat inside the chassis to ensure stable server operation.

- New Platform Technology
- Supports 1/2 4th or 5th generation Intel® Xeon® Scalable processors.
 - 16 DDR5 4400/4800/5600 MT/s ECC memory slots, offering 75% increased memory bandwidth.
 - CXL and PCIe 5.0 technologies accelerate data transfer speeds.
- Rich Expansion Capabilities
- CPU-GPU switch expansion solution supports up to 10 600W dual-width GPUs for high-speed, stable operation.
 - Up to 19 PCIe expansion slots.
- Stable Product Performance
- Supports both domestic and international AI accelerator cards.
 - Redundant design for key system components and modular design for functional components enhance reliability and maintainability.
 - Intelligent remote management, intelligent fault detection, and fault isolation ensure 24/7 efficient and stable operation.

Application Scenarios



Application Scenarios



Product Specifications

Component	Description	
Form Factor	Expansion 10-GPU 4-bay AI server	Expansion 10-GPU 10-bay AI server
Processor	Supports 1/2 Intel® Xeon® 3rd Gen Scalable processors, up to 270W TDP	
Memory	16 DDR4 memory slots, supports DDR4 2666/2933/3200 MHz memory	
GPU	Supports up to 10 x 350W or 8 x 450W dual-width GPUs	
Hard Drives	Front: 4x 3.5" SAS/SATA drives	10x 2.5" SAS/SATA hard drives
	Rear: 4x 2.5" SAS/SATA/U.2 hard drives	
	Internal: 1x 2280 M.2 (NVMe)	
PCIe Expansion	Front: Supports 10 full-length, full-height, dual-width PCIe 4.0 expansion slots. Rear: Supports 4 half-height PCIe 3.0 x8 (in PCIe 3.0 x16 slot) and 3 half-height PCIe 4.0 x16 slots. Optional: Supports 2 half-height PCIe 3.0 x8 (in PCIe 3.0 x16 slot), 1 half-height PCIe 3.0 x16, and 3 half-height PCIe 4.0 x16 slots.	
RAID Support	RAID 0/1/10&5	
Power Supply	AC 220V, 2000W, 2200W, 2600W, 3+1 redundant power supply (configured based on actual power needs)	
Fans	Standard 11 x 8038 hot-swappable fans	
Dimensions	790mm x 433mm x 176.5mm (D x W x H)	
Temperature	5°C~35°C (may vary based on configuration)	

Product Specifications

Component	Description	
Form Factor	Expansion 10-GPU 4-bay AI server	
Processor	Supports 1/2 4th/5th generation Intel® Xeon® Scalable processors, up to 350W TDP	
Memory	16 DDR5 memory slots, supports DDR5 4400/4800/5600 MHz memory	
GPU	Supports up to 10 600W dual-width GPUs	
Hard Drives	Front: 4x 3.5" SAS/SATA drives	
	Rear: 4x 2.5" SAS/SATA/U.2 drives	
	Internal: 2x 2280/22110 M.2 (SATA/NVMe)	
PCIe Expansion	Rear PCIe Slots: 5 x full-length half-height single-width, supports up to 9 x full-length half-height single-width Front PCIe Slots: 10 x full-length full-height dual-width	
RAID Support	RAID 0/1/10&5	
Power Supply	Supports AC 220V 2000W, 2200W, 2600W, 3200W 3+1 redundant power supply (configured based on actual power requirements)	
Fans	Equipped with 11 hot-swappable 8038 fans	
Dimensions	850mm x 433mm x 176.5mm (D x W x H)	
Temperature	5°C~35°C (may vary based on configuration)	

AMD EPYC Turin OAM AI Server

EGC6A80AA5



Product Overview

EGC6A80AA5 Intelligent Computing Server is built on the AMD EPYC Turin platform, delivering exceptional compute performance and outstanding scalability. The server supports the next-generation 8-GPU module with SXM5 and OAM 2.0 interface compatibility. Its modular architecture significantly improves system thermal efficiency and ease of maintenance. The CPU node supports 2× AMD EPYC Turin processors paired with multi-channel DDR5 memory technology, achieving up to 50% improvement in memory bandwidth. Equipped with 12 PCIe 5.0 slots and 16 drive bays, the server flexibly accommodates a wide range of compute architectures for comprehensive performance scaling.

Application Scenarios

Ultra-large model training

Deep learning inference

Natural language processing

Metaverse

Product Features

- New Architecture, Ultimate Performance

 - Supports 2× AMD EPYC Turin series processors; compatible with AMD Genoa series; max TDP 500W.
 - 24× DDR5 and 12× PCIe 5.0 channels accelerate data transfer rates.
- Flexible Topology , Critical Applications

 - Powerful AI compute: supports 8-SXM / OAM form-factor GPU modules.
 - Supports 16× 2.5" U.2 + 2× SATA M.2 storage for high-speed transfer and data caching.
 - Extreme efficiency: separated 54V and 12V power supply design reduces power conversion losses.
- Rich Ecosystem ,Stable and Reliable

 - Compatible with both domestic and international GPU modules.
 - Fully modular system design for easy installation and maintenance; intelligent fan cooling control.
 - Secondary mutual certification with MetaX C550 GPU module.

Product Specifications

Component	Description
Form Factor	10U 8-GPU OAM AI Server
Processor	Supports 2× AMD EPYC 9005 Series Processors (Turin), Max TDP 500W
Memory	Each CPU supports 12 DDR5 channels, for a total of 24 DDR5 memory slots; DDR5 RDIMM and 3DS RDIMM ECC memory, memory frequency up to 6400MHz; RDIMM capacities of 16GB, 24GB, 32GB, 48GB, 64GB, 96GB, and 128GB per module
GPU	Supports 8-GPU module (compatible with SXM5 and OAM 2.0)
Hard Drives	Supports up to 16× NVMe drives;2 PCIe M.2 SSDs (22110), supporting 3 configurations: 1)Motherboard Slimline direct connection: 2 M.2 with PCIe 3.0 x2, no hardware RAID support 2)RAID card adapter connection: 2 M.2 with PCIe x4, RAID support 3)Motherboard expansion chip direct connection: 2 M.2 with SATA x1, RAID support
PCIe Expansion	Up to 12× PCIe 5.0 slots (4 front + 8 rear); Supports OAM 8-GPU module at 1400W; system architecture compatible with MetaX C550 SXM 8-GPU, NVIDIA SXM H200 8-GPU, etc.
Power Supply	Maximum support for 12 power supply modules, including 10 × 54V and 2 × 12V Hot-Swap power modules, with real-time power monitoring support.
Fans	Up to 15× 8080 fans for GPU + 5× 8080 fans for CPU
Dimensions	900x 440 x 447mm (D x W x H)
Temperature	5°C~35°C (varies by configurations))

AMD EPYC Turin 8U8-GPU AI Server

EGC6860AA5



Product Overview

EGG6860AA5 8U 8-GPU AI Server is an AI computing server developed on the AMD EPYC Turin platform, delivering powerful computing performance and exceptional scalability. Supporting both CPU-GPU direct connection and expansion architectures, it features high-performance parallel computing, flexible scalability, high reliability, high energy efficiency, intelligent maintenance, modular design, and an open ecosystem. Designed to meet the demands of large model training, AI inference, graphics processing, generative AI, and other advanced AI workload

Product Features

- New Architecture, Ultimate Performance

 - Supports 1 or 2 AMD EPYC Turin processors, compatible with AMD Genoa series processors, maximum TDP of 500W
 - Supports 24 DDR5 memory slots and 14 PCIe 5.0 slots for accelerated data transfer
 - CPU-GPU Direct Connection and expansion enable extreme multi-GPU computing performance
- Flexible Topology for Critical Applications

 - Supports CPU-GPU Direct Connection and expansion, enabling up to 8 × 600W GPU (dual-width, 2.5-width, 3.3-width, 3.5-width, and 4.5-width) for high-speed and stable operation
 - Supports common and performance CPU-GPU interconnect topologies for broader application scenarios
 - Supports NVIDIA BlueField-3 DPU NIC functionality
- Rich Ecosystem, Stable and Reliable

 - Compatible with both domestic and international AI accelerator cards
 - Redundant design for critical system components and modular functional parts for higher reliability and maintainability
 - Supports intelligent remote management and remote fault diagnosis, ensuring 24/7 efficient and stable operation

Application Scenarios

Artificial Intelligence

Cloud Gaming

Big Data Processing

Digital Twin

Virtualization

Product Specifications

Component	Description	
Form Factor	8-GPU AI server (supports fan-style and blower-style GPUs)	8-GPU AI server (supports blower-style GPUs and DPUs)
Processor	Supports 2 AMD EPYC Turin 9005 series processors, compatible with AMD EPYC 9004 series processors, Max TDP 500W	
Memory	24 DDR5 memory slots, supporting DDR5 4800/5600/6400MHz memory	
GPU	Supports 8 × 600W 2-width / 2.5-width RTX 5090 blower GPUs or other 600W blower GPUs; 3-width / 3.3-width / 3.5-width / 4.5-width RTX 5090 fan GPUs or other 600W fan GPUs. Supports front-rear 4+4 separated upper/lower airflow layout and rear parallel centralized airflow cooling layout. Maximum GPU width support: 89mm	Supports 8 × 600W dual-width RTX 5090 blower GPUs or other 600W blower GPUs. GPUs adopt an 8-GPU rear parallel centralized airflow cooling layout, with maximum GPU width support of 50mm
Hard Drives	External: 12 Hot-Swap 3.5"/2.5" SAS/SATA/NVMe drives Internal: 2 × M.2 SSDs (1 × PCIe 3.0 x4; 1 × PCIe 3.0 x2)	
PCIe Expansion	Supports 12 × PCIe 5.0 expansion slots (including 1 × OCP): 8 × PCIe 5.0 4.5-width slots, 4 × PCIe 5.0 x8 single-width slots	Supports up to 14 PCIe 5.0 x16 expansion slots (including 1 OCP)
Power Supply	Supports 8 CRPS 1600W / 2200W / 2700W / 3200W power supply modules with Hot-Swap and N+N / N+M redundancy modes	
Fans	Standard configuration includes 6 × 6056 and 6 × 12038 Hot-Swap N+1 redundant fans	
Dimensions	910 x 446 x 364.3mm (D x W x H)	
Temperature	5°C~35°C ((varies by configurations)	

AMD EPYC Turin 4U 8-GPU AI Server

EGC6460AA5



Product Overview

EGC6460AA5 is an AI computing server developed on the AMD EPYC Turin platform, delivering powerful computing performance and exceptional scalability. Supporting both CPU-GPU direct connection and CPU-GPU switch topologies, it is designed to meet the requirements of diverse AI workloads and application scenarios.

Product Features

New Architecture, Ultimate Performance

- Supports 1 or 2 AMD EPYC Turin series processors, compatible with AMD Genoa series processors, with maximum TDP support up to 500W.
- Supports up to 24 DDR5 memory slots and 14 PCIe 5.0 expansion slots, accelerating data transfer performance with the latest platform technologies.
- Supports both GPU-CPU direct connection and expansion architectures, delivering exceptional multi-GPU computing performanc.

Flexible Topology, Critical Applications

- Supports CPU-GPU direct connection and expansion architectures, accommodating up to 8 × 600W dual-width GPUs for high-performance and stable operation.
- Supports multiple CPU-GPU interconnect topologies, including Common and Performance architectures, to meet the requirements of diverse application scenarios.
- Supports NVIDIA BlueField-3 DPU functionality.

Rich Ecosystem, Stable and Reliable

- Compatible with AI accelerator cards from both domestic and international brands.
- Redundant design for key system components and modular design for functional modules enhance system reliability and serviceability.
- Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24/7 operation.

AMD EPYC Milan 4U 8-GPU AI Server

EGC6460AA3



Product Overview

EGC6460AA3 is an AI computing server built on the AMD EPYC Milan platform, offering powerful computing capabilities and highly flexible scalability. With a multi CPU-GPU direct connection topology, it meets application needs across various AI business scenarios.

Product Features

New Architecture, Extreme Performance

- Supports 1 or 2 high-performance AMD EPYC 7003/7002 series processors.
- Direct CPU-GPU communication significantly reduces latency, enhancing performance for advanced algorithms.

Flexible Topology, Key Applications

- Supports up to 13 PCIe expansion slots and can be configured with up to 8 dual-width full-height full-length GPUs, catering to diverse customer needs.
- Configurable with 12x 3.5/2.5" SATA/SAS/U.2 drives for high-speed data transfer and storage.

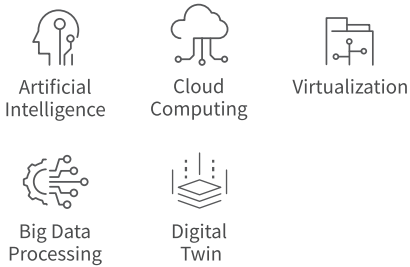
Rich Ecosystem, Stability and Reliability

- Compatible with various mainstream AI accelerators and leading deep learning frameworks.
- Mature ecosystem supports multi-scenario application solutions.
- Redundant design for critical components enhances reliability and maintainabil.
- Intelligent remote management and fault diagnosis ensure efficient and stable operation.

Application Scenarios



Application Scenarios



Product Specifications

Component	Description			
Form Factor	8-GPU AI server		10-GPU AI server	
Architecture	Direct Connection Mode	Expansion Mode (DPU Support)		Expansion Mode
Processor	Supports 2 AMD EPYC Turin series processors, compatible with AMD EPYC 9004 series processors, Max TDP 500W			
Memory	24 DDR5 memory slots, supporting DDR5 4800/5600/6400MHz memory			
GPU	Supports 8 × 600W dual-width RTX 5090 blower GPUs or other 600W blower GPUs. GPUs adopt an 8-GPU rear parallel centralized airflow cooling layout, with maximum GPU width support of 50mm			
Hard Drives	External: 12 Hot-Swap 3.5"/2.5" SAS/SATA/NVMe drives			24 Hot-Swap 2.5" SAS/SATA/NVMe drives
	Internal: 2 × M.2 SSDs (1 × PCIe 3.0 x4; 1 × PCIe 3.0 x2)			
PCIe Expansion	Direct Connection Configuration: Up to 12 PCIe expansion slots		Expansion Configuration: Up to 14 PCIe expansion slots	
Power Supply	3+1 or 2+2 Redundancy (2000W / 2200W / 2700W)			
Fans	Standard configuration includes 12 × 6056 Hot-Swap N+1 redundant fans			
Dimensions	850 x 444 x 176.4mm (D x W x H)			
Temperature	Turin platform: 5°C ~ 30°C; Genoa platform: 5°C ~ 35°C(varies by configurations)			

Product Specifications

Component	Description
Form Factor	CPU-GPU direct 8-GPU 12-bay AI server
Processor	Supports 1/2 AMD EPYC Milan series processors, compatible with AMD EPYC Rome series processors, with a maximum TDP of 280W
Memory	32 DDR4 memory slots, supports 3200MHz
GPU	Supports up to 8 dual-width full-height full-length GPUs
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe hot-swappable drives
PCIe Expansion	Onboard 19 PCIe 4.0 MCIO (X8) slots, 2 Simline 4i slots Supports expansion of up to 8 PCIe 4.0 dual-width full-height full-length slots and 5 PCIe 4.0 single-width full-height full-length slots
Power Supply	Supports 2000W/2200W/2700W CRPS 3+1 redundant power supply (configured based on actual power)
Fans	12x 6056 (23000±10% RPM) hot-swappable N+1 redundant fans
Dimensions	850 x 444 x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

AMD EPYC Milan 4U 5-GPU AI Server

EASRC4105GA-G3



Product Overview

EASRC4105GA-G3 AMD dual-socket 4U 5-GPU server features 10 PCIe expansion slots, 16 DIMM slots, 1 M.2 slot, 2 Gigabit Ethernet ports, and 1 RJ45 management port. With excellent scalability and flexible configuration options, this server is ideal for a wide range of applications.

Product Features

New Architecture, Extreme Performance

- Supports 1/2 AMD EPYC 7003 (Milan) series processors, compatible with 7002 (Rome) series and 7001 (Naples) series.
- 16 RECC DDR4 memory slots, with a maximum frequency of 2933 MHz.
- Supports up to 4 full-height, dual-width high-performance GPUs.

Flexible Expansion, Critical Applications

- CPU-GPU direct connection topology, supporting up to 5 full-height, dual-width high-performance GPUs for low latency.
- 10 PCIe high-speed expansion slots provide rich expansion capabilities.
- Standard E-ATX motherboard, compatible with a variety of chassis options.

Rich Ecosystem, Stable and Reliable

- Redundant design for critical system components, modular design for functional parts, enhancing product reliability and maintainability.
- Supports intelligent remote management and fault diagnosis, ensuring 24/7 efficient and stable operation.
- IPMI remote management, allowing real-time monitoring and remote operations, including power on/off.

Application Scenarios

Artificial Intelligence

Cloud Gaming

Big Data Processing

Distributed Storage

Enterprise Market

Telecommunications

Product Specifications

Component	Description	
Form Factor	4U 5-GPU 2-Bay Server	4U 5-GPU 12-Bay Server
Processor	1/2 AMD EPYC 7003 series (Milan) processors, compatible with AMD EPYC 7002 (Rome) and AMD EPYC 7001 (Naples) series	
Memory	16 DDR4 memory slots, supporting 2400/2666/2933 DDR4 RECC memory	
GPU	Supports 4 RTX 3090 dual-width, full-height, full-length cards	Supports 4 RTX 3090 dual-width, full-height, full-length GPU cards, and 4 A800 dual-width, full-height, full-length GPU cards
Hard Drives	Front: 2x2.5" SAS/SATA internal drives	12x 3.5/2.5" SAS/SATA hot-swappable hard drives
	Rear: 1x 2x 2.5" hard drive module	
	Internal: 1x M.2 drive	
PCIe Expansion	Supports 6 PCIe x8 and 4 PCIe x16 slots	
Power Supply	Supports 550W, 800W, 1200W, 1600W, 2200W hot-swappable redundant power (configured based on actual power needs)	
Fans	Standard 3x 12038 fans	Standard 8x 8038 hot-swappable N+1 redundant fans
Dimensions	440 x 433 x 176.5mm (D x W x H)	695 x 433 x 176.5 mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)	

AMD EPYC Turin 4U 8-GPU AI Server

ESYRC4108GA-G5



Product Overview

ESYRC4108GA-G5 is an AI computing server developed on AMD’s latest Turin platform, featuring robust computational power and highly flexible scalability. It supports multiple CPU-GPU direct connections and CPU-GPU switch connection topologies to meet the needs of various AI application scenarios.

Product Features

New Architecture, Ultimate Performance

- Supports 1 or 2 AMD EPYC Turin 9005 series processors, compatible with Genoa 9004 series processors, with a maximum TDP of 500W.
- Supports 24 DDR5 memory slots with frequencies of 4800/6400MHz, providing a 75% increase in memory bandwidth.
- Supports configurations of 12x 3.5" or 24x 2.5" SATA/SAS/U.2 hard drives, meeting high-speed transfer and data storage requirements.

Flexible Topology, Critical Applications

- Supports SATA/SAS/NVMe tri-mode hard drive configurations to meet high-speed transfer and data storage needs.
- Supports CPU-GPU direct connection and CPU-GPU switch expansion modes, accommodating up to 10 600W dual-width GPUs, fulfilling high computing power demands.
- Onboard 2 PCIe 3.0 M.2 NVMe SSDs (2280) for high-speed caching.

Rich Ecosystem, Stability and Reliability

- Compatible with both international and domestic AI accelerator cards.
- Key system components feature redundancy design, and modular design of functional components improves reliability and maintainability.
- Supports intelligent remote management and smart remote fault diagnostics to ensure stable, efficient operation 24/7.

Application Scenarios

Artificial Intelligence

Scientific Computing

Cloud Computing

Virtualization

Big Data Processing

Digital Twin

Product Specifications

Component	Description	
Form Factor	Passthrough 8-GPU 12-bay AI server	Expandable 10-GPU 24-bay AI server
Processor	Supports 1/2 AMD EPYC Turin series processors, compatible with AMD EPYC Genoa series processors, TDP 500W	
Memory	24 DDR5 memory slots, supporting DDR5 4800/6400MHz memory	
GPU	Up to 8 dual-width GPUs	Up to 10 dual-width GPUs
Hard Drives	Front: 12x 3.5" SAS/SATA/NVMe drives	24x 2.5" SAS/SATA/NVMe drives
	Internal: 2x PCIe3.0 M.2(2280/22110)	
PCIe Expansion	Supports expansion of 8 PCIe 5.0 x16 dual-width full-height full-length slots; 5 PCIe 5.0 x16 single-width full-height full-length slots	Supports expansion of 8 PCIe 5.0 x16 dual-width full-height full-length slots; 5 PCIe 5.0 x16 single-width full-height full-length slots
Power Supply	2000W, 2200W, 2600W with 3+1/2+2 redundant power (configured based on actual power)	
Fans	12x 6056 hot-swappable N+1 redundant fan (standard)	
Dimensions	850 x 444 x 176.5mm (D x W x H)	
Temperature	5°C~35°C (may vary based on configuration)	

AMD EPYC Turin 6U 8-GPU AI Server

AMD EPYC Milan 4U 8-GPU AI Server

ESYRC6108GA-G5

ESYRC4108GA-G3

Product Overview

Product Overview

ESYRC6108GA-G5 is built on AMD's latest Turin platform, specifically designed for the field of artificial intelligence computing. It delivers powerful computing performance and exceptional scalability, capable of meeting the demands of complex AI computing tasks while providing outstanding data processing efficiency. Supporting multiple CPU-GPU direct connection topologies, it fulfills the application needs of various AI business scenarios.

ESYRC6108GA-G3 is an AI computing server built on the AMD EPYC Milan platform, offering powerful computing capabilities and highly flexible scalability. With a multi-CPU-GPU direct connection topology, it meets application needs across various AI business scenarios.

Product Features

Product Features

New Architecture, Extreme Performance

New Architecture, Extreme Performance

- Supports 1/2 AMD EPYC Turin processors, compatible with AMD EPYC Genoa processors.
- Supports 24 DDR5 6400/4800MT/s ECC memory modules, with a 75% increase in memory bandwidth.
- Supports 12 3.5"/2.5" SATA/SAS/U.2 drives, meeting high-speed transmission and data storage needs.

- Supports 1 or 2 high-performance AMD EPYC 7003/7002 series processors.
- Direct CPU-GPU communication significantly reduces latency, enhancing performance for advanced algorithms.

Flexible Topology, Critical Applications

Flexible Topology, Key Applications

- Supports up to 12 PCIe 5.0 high-speed expansion slots, offering extensive expansion capabilities.
- CPU-GPU direct connection supports 8 600W 3-width or 3.5-width GPUs, meeting high-performance computing demands.
- Onboard 2 M.2 (2280) slots, supporting high-speed caching.

- Supports up to 13 PCIe expansion slots and can be configured with up to 8 dual-width full-height full-length GPUs, catering to diverse customer needs.
- Configurable with 12x 3.5/2.5" SATA/SAS/U.2 drives for high-speed data transfer and storage.

Rich Ecosystem, Stable and Reliable

Rich Ecosystem, Stability and Reliability

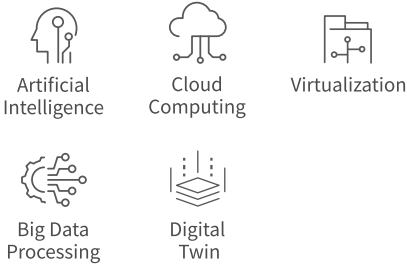
- Compatible with AI acceleration cards from both international and domestic brands.
- System critical components feature redundant design; modularized functional components enhance reliability and maintainability.
- Supports intelligent remote management and remote fault diagnostics, ensuring efficient and stable 24/7 operation.

- Compatible with various mainstream AI accelerators and leading deep learning frameworks.
- Mature ecosystem supports multi-scenario application solutions.
- Redundant design for critical components enhances reliability and maintainability.
- Intelligent remote management and fault diagnosis ensure efficient and stable operation.

Application Scenarios



Application Scenarios



Product Specifications

Component	Description
Form Factor	Passthrough 8-GPU 12-bay AI server
Processor	Supports 1/2 AMD EPYC Turin processors, compatible with AMD EPYC Genoa processors, TDP 500W
Memory	24 DDR5 memory slots, supporting DDR5 4800/6400MHz memory
GPU	Supports up to 8 600W dual-width, 3-width, or 3.5-width GPUs
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe drives
PCIe Expansion	Supports 11 PCIe 5.0 slots: 8 PCIe 5.0 x16 slots, 3 PCIe 5.0 x8 slots (Default supports direct connection to 2 PCIe 5.0 x4 U.2 drives)
Power Supply	3+1 or 2+2 redundant (2000W/2200W/2600W/3200W)
Fans	Standard 12x 6056 and 4x 8038 hot-swap N+1 redundant fans
Dimensions	910 x 444 x 265mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Product Specifications

Component	Description
Form Factor	CPU-GPU direct 8-GPU 12-bay AI server
Processor	Supports 1/2 AMD EPYC Milan series processors, compatible with AMD EPYC Rome series processors, with a maximum TDP of 280W
Memory	32 DDR4 memory slots, supports 3200MHz
GPU	Supports up to 8 dual-width full-height full-length GPUs
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe hot-swappable drives
PCIe Expansion	Onboard 19 PCIe 4.0 MCIO (X8) slots, 2 Simline 4i slots Supports expansion of up to 8 PCIe 4.0 dual-width full-height full-length slots and 5 PCIe 4.0 single-width full-height full-length slots
Power Supply	Supports 2000W/2200W/2600W CRPS with 3+1 redundant power (configured based on actual power requirements)
Fans	12x 6056 (23000±10% RPM) hot-swappable N+1 redundant fans
Dimensions	850 x 444 x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

AMD EPYC Milan 6U 8-GPU AI Server

AMD EPYC Milan 4U 8-GPU AI Server

ESYRC6108GA-G3

ESRC4108GA-G3

Product Overview

Product Overview

ESYRC6108GA-G3 is an AI computing server developed on the AMD Milan platform, offering powerful computing performance and exceptional scalability. It supports multi-CPU-GPU direct connection topology, catering to the application needs of various AI scenarios. This server features large storage capacity, strong expandability, high reliability, ease of management, and simplified deployment.

ESRC4108GA-G3 AMD Single-Socket 4U 8-GPU Server is a versatile rackmount GPU server designed by Gooxi to meet demands in rendering, cloud gaming, artificial intelligence, and digital twin applications. This server offers strong general-purpose usability, exceptional scalability, high reliability, and easy management and deployment.

Product Features

Product Features

New Architecture, Extreme Performance

New Architecture, Extreme Performance

- Supports 2 AMD EPYC Milan processors, compatible with 2 AMD EPYC Rome processors.
- Supports 32 DDR4 3200MT/s RDIMM memory modules, offering large memory capacity to enhance reliability and stability.
- Supports 12 3.5/2.5" SATA/SAS/U.2 hard drives, meeting the demands for high-speed data transmission and storage.

- Supports 1 high-performance AMD EPYC 7003/7002/7001 series processor.
- Equipped with 16 DDR4 memory slots, supporting 2400/2666/2933 MHz DDR4 ECC memory.
- Direct CPU-GPU communication maximizes computational efficiency.

Flexible Topology, Critical Applications

Flexible Topology, Key Applications

- Supports up to 12 PCIe 4.0 high-speed expansion slots, delivering extensive expandability.
- CPU-GPU direct connection supports 8 600W 3-width or 3.5-width GPUs, addressing high-performance computing needs.

- CPU-GPU direct topology architecture supports 8 dual-width full-height GPUs (600W each) for high-speed, stable operation.
- 8 PCIe expansion slots: accommodates 4 full-height full-length triple-width GPUs and 4 full-height full-length dual-width GPUs.

Rich Ecosystem, Stable and Reliable

Rich Ecosystem, Stability and Reliability

- Compatible with AI accelerators from domestic and international brands.
- Redundant design for key system components and modular functional components to improve product reliability and maintainability.
- Supports intelligent remote management and remote fault diagnosis, ensuring 24/7 efficient and stable operation.

- Compatible with both international and domestic AI accelerator cards.
- Key system components feature redundancy design, and modular design of functional components improves reliability and maintainability.
- Supports intelligent remote management and smart remote fault diagnostics to ensure stable, efficient operation 24/7.

Application Scenarios

Application Scenarios



Artificial Intelligence



Scientific Computing



Cloud Computing



Virtualization



Big Data Processing



Digital Twin



Artificial Intelligence



Cloud Gaming



Virtualization



Digital Twin



Deep Learning

Product Specifications

Product Specifications

Component	Description
Form Factor	Passthrough 8-GPU 12-bay AI server
Processor	Supports 1/2 AMD EPYC Milan series processors, compatible with AMD EPYC Rome series processors, with a maximum TDP of 280W
Memory	32 DDR4 memory slots, supports DDR4 3200 MHz memory
GPU	Supports up to 8 600W dual-width, 3-width, or 3.5-width GPUs
Hard Drives	Front: 12x 3.5/2.5" SAS/SATA/NVMe hard drives
PCIe Expansion	Supports up to 12 PCIe 4.0 expansion slots
Power Supply	3+1 or 2+2 redundancy (2000W/2200W/2600W/3200W)
Fans	Standard 12x 6056 and 4x 8038 hot-swap N+1 redundant fans
Dimensions	910 x 444 x 265mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Component	Description
Form Factor	CPU-GPU direct connection 8-GPU 4-bay AI server
Processor	Supports 1 AMD EPYC 7003 series (Milan) processor, compatible with AMD EPYC 7002 series (Rome) and AMD EPYC 7001 series (Naples); maximum TDP: 240W
Memory	16 DDR4 memory slots, supports 2400/2666/2933 MHz DDR4 ECC memory
GPU	Supports 8 dual-width, full-length, full-height cards up to 350W or 6 triple-width, full-length, full-height cards Supports 4 dual-width, full-length, full-height cards up to 450W
Hard Drives	Front: Supports up to 8 SATA drives, optional support for 4 U.2 drives and 2 M.2 drives Internal: 2x 2.5" SATA drives
PCIe Expansion	Onboard: 8 PCIe 4.0 x8 (in PCIe 4.0 x16 slots, supporting full-height, full-length dual-width or triple-width GPUs) Riser Card: 2 PCIe 3.0 x8 (x8 slot + x16 slot, supports half-height, half-length single-width cards, split into x4 x4 if needed)
Power Supply	Supports 1200W, 1300W, 1600W, 2000W, or 2200W CRPS with 3+1 redundant wer (configured based on actual power requirements)
Fans	Standard configuration includes 8 hot-swappable 8038 redundant fans and 5 additional rear 8038 fans
Dimensions	695 x 433.4 x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

EASRC4110GA-G3



Product Overview

AMD Dual-Socket 4U 10-GPU Server supports two high-performance AMD EPYC 7003/7002/7001 series processors, with 16 DDR4 memory slots. It supports up to 10 dual-width, full-height, full-length GPU cards. This server excels in computational performance, storage expansion capabilities, and stability, making it ideal for artificial intelligence and emerging application fields.

Product Features

New Architecture, Extreme Performance

- Supports 2 high-performance AMD EPYC 7003/7002/7001 series processors.
- 16 DDR4 memory slots, supporting 2400/2666/2933 DDR4 ECC memory.
- Supports 10 PCIe 4.0 expansion slots, capable of accommodating 10 dual-width, full-height, full-length GPU cards.

Flexible Expansion, Key Applications

- Supports up to 10 dual-width, full-height GPUs, compatible with NVIDIA GeForce RTX 40 series.
- 20 PCIe expansion slots provide extensive expansion options.

Rich Ecosystem, Stability and Reliability

- IPMI remote management allows real-time monitoring and control of the system, including power on/off operations.
- Redundant design for critical components and modular design for functional parts enhance product reliability and maintainability.
- Supports intelligent remote fault detection, ensuring efficient and stable operation 24/7

Application Scenarios

Big Data Processing

3D Graphics Applications

Video Decoding

Deep Learning

Scientific Computing

Product Specifications

Component	Description
Form Factor	CPU-GPU Expansion 10-GPU Server
Processor	Supports 1/2 AMD EPYC 7003 Series (Milan) processors, compatible with AMD EPYC 7002 Series (Rome) and AMD EPYC 7001 Series (Naples)
Memory	16 DDR4 memory slots, supporting 2400/2666/2933 DDR4 ECC memory
GPU	Supports up to 10 dual-width GPUs up to 350W or 8 dual-width GPUs up to 450W
Hard Drives	Front: 4/10x 3.5/2.5" SAS/SATA hot-swappable hard drives
	Rear: Standard 2x 2.5" SAS/SATA hard drives (U.2 module available as an option), optional rear expansion with 2 x 2.5" SAS/SATA or U.2 hard drives
	Internal: 1x M.2 (PCIe x4) hard drive
PCIe Expansion	Front: 10 x full-height, full-length, dual-width PCIe 4.0 expansion slots Rear: 4 x half-height PCIe 3.0 x8 (in PCIe 3.0 x16 slot) and 3 x half-height PCIe 4.0 x16 Optional 2 x half-height PCIe 3.0 x8 (in PCIe 3.0 x16 slot), 1 x half-height PCIe 3.0 x16, and 3 x half-height PCIe 4.0 x16
Power Supply	Supports 1200W/1300W/1600W/2000W/2200W CRPS3+1 redundant power supply (configured based on actual power requirements)
Fans	8x 8038 hot-swappable fans in the middle, 3 x 8038 hot-swappable fans at the rear
Dimensions	790x 433 x 176.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

EDGE COMPUTING SERVER



Applications

ICT Convergence / Intelligent Connectivity / Industrial Internet / AI Computing / Intelligent IoT

Intel Whitley Dual-Socket Edge Server

EMSYC201A-G3



Product Overview

Intel Whitley platform edge server features a compact 2U chassis with a depth of only 450mm. It ensures easy deployment, rack-mount compatibility, and compliance with the latest OTII standards, making it suitable for 5G edge computing data centers. The chassis supports up to 6 hot-swappable 2.5" drives and offers three optional SATA/SAS/NVMe storage backplanes, enabling flexible storage configurations.

Product Features

Compact and Efficient

The chassis is only 450mm deep, with optional tool-free mounting rails, making it ideal for various edge environments.

High Expandability

2U dual-socket server supporting up to 6 hot-swappable 2.5" drives and 10 half-height, half-length single-width GPU cards.

Intelligent Power and Thermal Management

Equipped with 1+1 redundant platinum-efficiency power supplies, supporting hot-swappable replacements for enhanced system stability. Features three 8038 high-speed, low-power intelligent thermal control fans, which are hot-swappable. The system also includes robust anti-vibration design.

Application Scenarios

- Smart City
- Wisdom Park
- Intelligent Manufacturing
- Edge Cloud

Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 third-generation Intel® Xeon® Scalable processors with a maximum TDP of 270W
Memory	16 DDR4 slots, supporting 2666/2933/3200MHz DDR4 memory
Hard Drives	Front: 6x 2.5" SAS/SATA drives Internal: 1x NVMe M.2 SSD
PCIe Expansion	Up to 10 standard PCIe slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports AC 220V 550W, 800W, 1300W, 1600W 1+1 redundant power supply (configured based on actual power)
Fans	Standard 4x 8038 hot-swappable fans
Dimensions	450 x 433 x 87.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

Intel Purley Dual-Socket Edge Server

EMSYC201A-G2



Product Overview

Intel 2U Edge Server supports 1st/2nd Gen Intel® Xeon® Scalable processors, 16 DDR4 DIMM slots, 1 onboard M.2 interface, 2 Gigabit Ethernet ports, 1 RJ45 management port, and accommodates 2 full-height, full-length, dual-width GPUs and 1 half-height, half-length, single-width PCIe card. Designed based on the OTII standard, it addresses operators' needs for core and access network cloudification and emerging MEC (Multi-Access Edge Computing) applications.

Product Features

Compact and Efficient

- Chassis depth of only 450 mm, with optional tool-free rackmount rails for compatibility with various edge environments.

High Expandability

- Tailored for the 5G edge server market, the 450 mm depth complies with OTII standards and supports up to two full-sized GPUs, ideal for inference servers in edge AI applications.

Intelligent Power and Thermal Management

- Equipped with 1+1 redundant Platinum-efficiency power supplies, supporting hot-swappable replacement to ensure system stability.
- Features three 8038 high-speed, low-power, intelligent thermal-control fans, also hot-swappable, and designed with excellent anti-vibration capabilities.

Application Scenarios

- Smart City
- Wisdom Park
- Intelligent Manufacturing
- Edge Cloud

Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 Intel® Xeon® Scalable Processors (1st/2nd Gen), with a maximum TDP of 205W
Memory	16 DDR4 memory slots, supporting 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 6x 2.5" SAS/SATA drives Internal: 1x NVMe M.2 SSD
PCIe Expansion	Up to 10 standard PCIe slots
RAID Support	RAID 0/1/10&5
Power Supply	Supports AC 220V 550W, 800W, 1300W, 1600W 1+1 redundant power supply (configured based on actual power)
Fans	Standard 4x 8038 hot-swappable fans
Dimensions	450 x 433 x 87.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

EMSRC201-G3



Product Overview

AMD EPYC single and dual-socket edge computing server adopts the AMD 3rd generation processor platform. It supports 10 PCIe high-speed expansion slots, offering extensive expansion capabilities. The modular rear panel meets diverse configuration needs and complies with OTII standards, ensuring easy deployment and rack mounting.

Product Features

Superior Flexibility and Performance

- 16 DDR4 memory slots supporting 2400/2666/2933 MHz DDR4 memory, delivering excellent computational performance.
- Flexible PCIe expansion with multiple rear panel options, supporting 2 full-height, full-length, dual-width GPUs and 2 half-height, half-length, single-width PCIe cards.

Lightweight and Portable OTII Standard Design

- Complies with OTII standards, lightweight, and portable to adapt to demanding work environments.
- Optional tool-free mounting rails, suitable for various edge environments.

Convenient Management and Intelligent Maintenance

- Features iKVM remote management for seamless control via keyboard, monitor, and mouse.
- Equipped with 1+1 redundant platinum efficiency power supply, supporting hot-swappable replacements.
- Uses 8038 high-speed, low-power intelligent temperature control fan modules, supporting hot-swappable replacements. Real-time monitoring of key component status and automatic fault reporting.

Application Scenarios



Telecommunications



Security



Data Processing



Enterprise Market



Detection Equipment Applications

Product Specifications

Component	Description
Form Factor	2U Rackmount
Processor	1/2 AMD EPYC 7003 series CPUs, compatible with AMD EPYC 7002 and 7001 series
Memory	16 DDR4 memory slots, supporting 2400/2666/2933 MHz DDR4 memory
Hard Drives	Front: 6x 2.5" SAS/SATA/NVMe (HDD/SSD/U.2) hot-swappable drives Internal: 1x NVMe M.2 SSD
PCIe Expansion	Supports 6 PCIe x8 and 4 PCIe x16 slots: Option 1: Horizontal 2 full-height, dual-width + 2 half-height PCIe slots Option 2: 10 PCIe half-height slots (6 PCIe x8, 4 PCIe x16) Option 3: Horizontal 1 full-height, dual-width + 9 half-height PCIe slots Option 4: Horizontal 1 full-height, dual-width + 3 half-height PCIe slots
Power Supply	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supplies (configured per actual power needs)
Fans	Standard configuration: 4 x 8038 Fans
Dimensions	450 x 433 x 87.5mm (D x W x H)
Temperature	5°C~35°C (may vary based on configuration)

GENERAL STORAGE SERVER



Applications

Cloud Computing/Big Data/Distributed Storage/Data Center

Intel Eagle Stream Dual-Socket High-End Server

ERC6480AT5



Product Overview

ERC6480AT5 is a 4U high-density storage server designed for 4th/5th Gen Intel® Xeon® Scalable processors. It delivers strong computing performance with ultra-large storage scalability, meeting both current and future business expansion needs. Ideal for warm data storage, data backup, archiving, and disaster recovery scenarios.

Product Features

New Architecture, Extreme Performance

- 4U dual-socket rackmount design, supports up to 60 × 3.5" SAS/SATA drives.
- Supports 2 × 4th/5th Gen Intel® Xeon® Scalable processors.
- DDR5 and PCIe 5.0 technologies accelerate data throughput.

Flexible Topology, Key Applications

- Supports 7 × PCIe slots, including 2 × OCP 3.0 slots. Supports 4 × M.2 SSDs, including 2 × onboard M.2 SATA SSDs.
- Low power consumption, strong scalability, high reliability, easy management and deployment.

Rich Ecosystem, Stable and Reliable

- Supports IPMI 2.0.
- Redundant design for critical components, modular functional design for improved reliability and serviceability.
- Intelligent remote management and fault diagnosis ensure 24/7 stable operation.

Application Scenarios

Warm Data Storage

Enterprise Centralized Data Management

Scientific & Academic Data Storage

Data Centers

Data Backup

Data Archiving

Disaster Recovery

Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 2 × 4th/5th Gen Intel® Xeon® Scalable processors, max TDP 350W
Memory	32 × DDR5 DIMM slots, up to DDR5-5600
Hard Drives	Front: 8 × 2.5" SAS/SATA/NVMe + 2 × 2.5" SAS/SATA, hot-swap Rear: 60 × 3.5" SAS/SATA, hot-swap; 4 × M.2 (2280/22110)
PCIe Expansion	Up to 7 × PCIe standard slots, including 2 × OCP 3.0 slots
Power Supply	N+1 redundant CRPS power supplies, 1300W / 1600W / 2000W
Fans	Hot-swap N+1 redundant fans
Dimensions	899 x 448 x 175.4mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Eagle Stream Dual-Socket High-End Server

ESLC401A-G4



Product Overview

ESLC401A-G4 Eagle Stream 4U dual-socket high-end server, supports 1 or 2 4th/5th Gen Intel® Xeon® scalable processors, with 32 DDR5 DIMM slots, 2 M.2 interfaces, 1 RJ45 management port, and 12 PCIe 5.0 expansion slots. Its powerful computing performance and highly flexible configuration meet the needs of various industry applications

Product Features

Enhanced Computing Performance

- Supports 1/2 4th Gen Intel® Xeon® scalable processors, with up to 64 cores per processor, 15% increase in general performance.
- 4 UPI 2.0 buses, each with a maximum rate of 16 GT/s, 25% improvement in CPU communication rate.
- 32 DDR5 4400/4800/5600 MT/s ECC memory, with a 50% increase in memory bandwidth.
- PCIe standard slots and OCP 3.0 slots, fully compliant with PCIe 5.0 protocol, 100% increase in bandwidth.

Excellent Storage with Flexible Expansion

- Supports up to 36 3.5"/2.5" SATA/SAS drives, providing extensive data storage capacity.
- Up to 10 PCIe 5.0 standard slots and 2 PCIe 5.0 OCP 3.0 slots for expansion needs.

Convenient Management, Intelligent Maintenance

- iKVM remote management functionality for easy remote control via keyboard, monitor, and mouse.
- Modular design allows efficient hot-swapping of peripheral components without downtime.
- Automatic fault log saving and remote diagnosis for faster issue resolution.
- Real-time monitoring of key component status with automatic fault reporting for enhanced intelligence.

Application Scenarios

Virtualization

Cloud Computing

Big Data Processing

HPC

Distributed Storage

Enterprise Market

Telecommunication

Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1/2 4th/5th Gen Intel® Xeon® scalable processors, TDP up to 350W
Memory	32 DDR5 memory slots, compatible with DDR5 RDIMM 4400/4800/5600 MHz memory
Hard Drives	Front: 24x 3.5" SAS/SATA drives Rear: 12x 2.5" SAS/SATA drives; 4x 2.5" SAS/SATA/U.2 drives Internal: 2x M.2 (SATA/NVMe) SSD
PCIe Expansion	Supports 12 PCIe 5.0 standard slots, including 6 × full-height PCIe slots, 4 × half-height PCIe slots, and 2 × OCP 3.0 slots
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 8x 8038 hot-swappable N+1 redundant fans
Dimensions	830 x 444 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

Intel Whitley Dual-Socket High-End Server

ESLC401A-G3



Product Overview

ESLC401A-G3 Whitley 4U dual-socket high-end server, designed based on the 3rd Gen Intel® Xeon® Scalable processor platform, delivers powerful performance and extensive expansion capabilities in a 4U flagship dual-socket configuration. Its versatile configurations flexibly meet diverse data center workloads.

Product Features

Exceptional Computing Power

- Supports Intel® Ice Lake processors with TDP up to 270W, up to 40 cores per CPU, and a maximum frequency of 3.6 GHz. Capable of supporting two high-power GPUs, with comprehensive enhancements in cores, frequency, cache, and interconnect channels.

Availability and Security

- Fully modular design for hard drives, power supply, fans, and PCIe modules, simplifying maintenance, speeding up issue resolution, and enhancing system availability.
- RAID levels can be adjusted based on the specific RAID controller to ensure data integrity.

Massive Storage Scalability

- Supports up to 32 DIMM memory slots and up to 36 front 3.5" drives, along with 4 rear hot-swappable 3.5" or 4x 2.5" drives, providing massive data storage and superior expandability.
- Equipped with 11 PCIe expansion slots, meeting the demands for computing and network expansion.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1/2 3rd Gen Intel® Xeon® Scalable processors, with a maximum TDP of 270W
Memory	32 DDR4 DIMM slots, supporting 2666/2933/3200MHz DDR4 memory
Hard Drives	Front: 24x 3.5" SAS/SATA drives
	Rear: 12x 2.5" SAS/SATA drives; 4x 2.5" SAS/SATA/NVMe drives
	Internal: 2x M.2 NVMe SSD
PCIe Expansion	Supports 11 PCIe 4.0 standard slots, including 6× full-height PCIe slots, 4× half-height PCIe slots, and 1× OCP 3.0 slot
RAID Support	RAID 0/1/10&5
Power Supply	AC 220V, options of 550W, 800W, 1300W, 1600W, 2000W, 2200W with 1+1 redundant power (configured based on actual power)
Fans	Standard 8 x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Turin Single-Socket Standard Server

ERC3480AA5



Product Overview

ERC3480AA5 is a single-socket 4U high-density storage server based on the AMD EPYC Turin 9005 Series processors. It delivers strong computing performance along with ultra-large storage expansion capability, meeting both current and future business growth needs. The system is designed for warm data storage, data backup, data archiving, and disaster recovery scenarios.

Product Features

New Architecture, Ultimate Performance

- 4U single-socket rackmount server supporting up to 60× 3.5" SAS/SATA drives.
- Supports 1 × AMD EPYC™ Turin 9005 Series processor, compatible with AMD EPYC™ Genoa 9004 Series processors.
- Powered by the latest DDR5 and PCIe 5.0 technologies for accelerated data transfer.

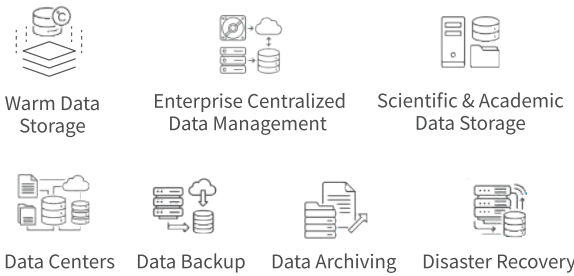
Flexible Topology for Critical Applications

- Supports 5 PCIe expansion slots, including 1 OCP 3.0 slot.
- Supports 2 internal M.2 SSD.
- Energy-efficient, highly scalable, reliable, easy to manage, and simple to deploy.

Rich Ecosystem, Stable and Reliable

- Supports IPMI 2.0.
- Redundant design for key system components and modular architecture enhance reliability and maintainability.
- Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24×7 operation.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1 × AMD EPYC Turin 9005 Series processor, compatible with AMD EPYC Genoa 9004 Series processors, MAX TDP 400W
Memory	Supports 12 DDR5 memory slots, up to DDR5-6400 MHz
Hard Drives	Front: 8 × 2.5-inch SAS/SATA/NVMe + 2 × 2.5-inch SAS/SATA drives, Hot-Swap supported
	Internal: 60 × 3.5-inch SAS/SATA drives, Hot-Swap supported; 2 × M.2 (2280/22110)
PCIe Expansion	Up to 5 PCIe expansion slots, including 1 OCP 3.0 slot
Power Supply	N+1 redundant 1300W / 1600W / 2200W CRPS power supplies
Fans	Hot-Swap N+1 redundant fans
Dimensions	899 × 448 × 175.4 mm (D × W × H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Turin Single-Socket Standard Server

ERC3460AA5



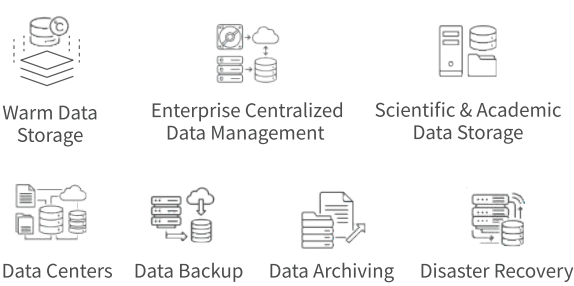
Product Overview

ERC3460AA5 is a single-socket 4U high-density storage server based on the AMD EPYC Turin 9005 Series processors. It delivers strong computing performance along with ultra-large storage expansion capability, meeting both current and future business growth needs. The system is designed for warm data storage, data backup, data archiving, and disaster recovery scenarios.

Product Features

- New Architecture, Ultimate Performance**
- 4U single-socket rackmount server supporting up to 36× 3.5" SAS/SATA drives.
 - Supports 1× AMD EPYC™ Turin 9005 Series processor, compatible with AMD EPYC™ Genoa 9004 Series processors.
 - Powered by the latest DDR5 and PCIe 5.0 technologies for accelerated data transfer.
- Flexible Topology for Critical Applications**
- Supports 5 PCIe expansion slots, including 1 OCP 3.0 slot.
 - Supports 2 M.2 SSD.
 - Energy-efficient, highly scalable, reliable, easy to manage, and simple to deploy.
- Rich Ecosystem, Stable and Reliable**
- Supports IPMI 2.0.
 - Redundant design for key system components and modular architecture enhance reliability and maintainability.
 - Supports intelligent remote management and remote fault diagnosis, ensuring efficient and stable 24×7 operation.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	Supports 1 × AMD EPYC Turin 9005 Series processor, compatible with AMD EPYC Genoa 9004 Series processors, MAX TDP 400W
Memory	Supports 12 DDR5 memory slots, up to DDR5-6400 MHz
Hard Drives	Front: 24 × 3.5-inch SAS/SATA drives, Hot-Swap supported
	Internal: 12 × 3.5-inch SAS/SATA drives; optional 2 × 2.5-inch SAS/SATA/NVMe drives, Hot-Swap supported
PCIe Expansion	Up to 5 PCIe expansion slots, including 1 OCP 3.0 slot
Power Supply	N+1 redundant 1300W / 1600W / 2200W CRPS power supplies
Fans	Hot-Swap N+1 redundant fans
Dimensions	798 × 433.4 × 176.5 mm (D × W × H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Genoa Dual-Socket High-End Server

ESRC401A-G4



Product Overview

ESRC401A-G4 AMD Genoa 4U dual-socket high-end server is a versatile 4U Rackmount server designed to meet the demands of the internet, Internet Data Center (IDC), cloud computing, enterprise markets, and telecom applications.

Product Features

- Enhanced Computing Performance**
- Supports 1/2 AMD EPYC 9004 (Genoa) series processors, with up to 128 cores and 256 threads per CPU, a maximum frequency of 4.4 GHz, and up to 1150MB L3 cache per CPU.
 - Supports 24 DDR5 RDIMM memory slots, providing high availability and up to 6TB memory capacity.
 - Equipped with PCIe standard slots and an OCP 3.0 slot, fully supporting PCIe 5.0 protocol.
 - Native motherboard support for NVMe (M.2) cache interfaces, catering to the high computational needs of cloud computing, big data, and virtualization.
- Outstanding Storage, Flexible Expansion**
- Multiple 12Gb SAS/SATA adaptive backplanes available for flexible and convenient configurations.
 - Supports up to 10 PCIe standard slots and 1 OCP 3.0 slot; custom expansions available through adapter cards to suit customer needs.
- Convenient Management, Intelligent Maintenance**
- iKVM remote management function allows remote management via keyboard, display, and mouse for added convenience.
 - Modular design enables hot-swapping of peripheral components for efficient maintenance.
 - Automatic fault log saving and remote diagnostic support for quicker trouble-shooting.
 - Real-time monitoring of key components with automated fault reporting for intelligent management.

Application Scenarios



Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1/2 AMD EPYC 9004 (Genoa) series processors, TDP up to 400W
Memory	24 DDR5 memory slots, supporting DDR5-4800MHz RDIMM
Hard Drives	Front: 24x 3.5/2.5" SAS/SATA hard drives
	Rear: Optional 2x 2.5" SAS/SATA/U.2 hard drives + 12hot-swappable 3.5/2.5" SAS/SATA hard drives
	Internal: 2x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 full-height PCIe slots, 4 half-height PCIe slots) and 1 OCP 3.0 slot
Power Supply	Supports 800W, 1300W, 1600W, 2000W, 2200W hot-swappable redundant power (configured based on actual power)
Fans	Standard 8 x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)

AMD EPYC Milan Dual-Socket High-End Server

ESRC401A



Application Scenarios



Product Overview

ESRC401A AMD Milan/Rome dual-socket high-end server is a versatile 4U dual-socket rackmount server designed to meet the demands of the Internet, IDC (Internet Data Center), cloud computing, enterprise markets, and telecommunications applications.

Product Features

Superior Performance

- Built on AMD EPYC 3rd Generation Milan processors, single CPU supports up to 64 cores and 128 threads, maximum TDP 280W, maximum frequency 3.7 GHz.
- Supports up to 32 DDR4 memory modules, with maximum frequency of 3200 MHz, compatible with RDIMM and LRDIMM types for high speed and availability.
- Includes PCIe standard slots and OCP 3.0 slot, fully supporting PCIe 4.0 protocol.

Flexible Expansion

- Offers various 12Gb SAS/SATA adaptive backplanes for flexible and convenient storage options.
- Supports up to 10 PCIe standard slots and 1 OCP 3.0 slot, customizable with adapter cards to meet specific expansion needs.

Efficient Management

- iKVM remote management for convenient control via keyboard, display, and mouse.
- Features 1+1 redundant hot-swappable power supplies for system stability.
- Intelligent temperature-controlled fan modules, hot-swappable, with excellent vibration resistance.
- Automatic fault log saving for faster remote diagnostics.
- Real-time monitoring of key components with automatic fault reporting for smarter management.

Product Specifications

Component	Description
Form Factor	4U Rackmount
Processor	1/2 AMD EPYC 7003 series processors, compatible with AMD EPYC 7002 and 7001 series
Memory	32 DDR4 memory slots, supporting 2666/2933/3200 MHz DDR4 memory
Hard Drives	Front: 24x 3.5/2.5" SAS/SATA drives
	Rear: Optional support for 2x 2.5" SAS/SATA/U.2 drives + 12x 3.5/2.5" SAS/SATA drives
	Internal: 2 x NVMe M.2 SSDs
PCIe Expansion	Up to 10 PCIe slots (6 PCIe x8, 4 PCIe x16) and 1 OCP 3.0 slot
Power Supply	Supports 550W, 800W, 1300W, 1600W, 2200W redundant power supply (configured based on actual power)
Fans	Standard 8x 8038 hot-swappable fans
Dimensions	798 x 433.4 x 176.5mm(D x W x H)
Temperature	5°C~35°C (operating temperature may vary based on different configurations)