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# ECA

Consulting Group



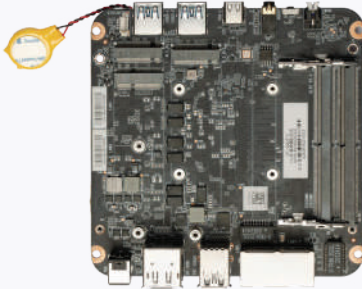
## Intel / AMD Board Catalogue

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# MALE50

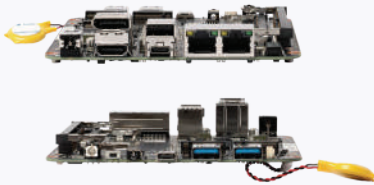
## Smart Fan

Intel Alder Lake-P/Raptor Lake-P Series  
Ultra-Compact Motherboard



## Features

- CPU: Intel Alder Lake-P/Raptor Lake-P Series
- Memory: 2x SO-DIMM DDR5 up to 64GB
- I/O Interface: 2xLAN, 2xUSB3.2, 1xUSB2.0, 1xUSB-C, 1xTBT4, Audio
- Display: 1xDP2.1, 1xHDMI2.1, 1xTBT4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: 2xM.2 Key M for NVMe, M.2 Key E for Wi-Fi
- Power: 19V/20V DC input

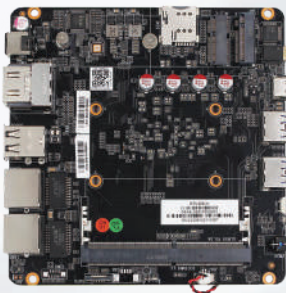


DT12700H-N	DT Intel Core i7-12700H MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)
DT13620H-N	DT Intel Core i7-13620H MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)
DT12650H-N	DT Intel Core i7-12650H MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)
DT1220P-N	DT Intel Core i3-1220P MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)
DT1240P-N	DT Intel Core i5-1240P MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)
DT1340P-N	DT Intel Core i5-1340P MALE50V50 2DDR5 2LAN(2.5GI) DP+HDMI TBT4 M.2 NVME+M.2(NVMe/SATA)

# MALNE50

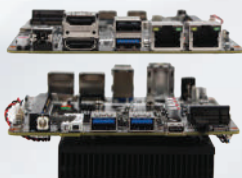
## Fan/Fanless

Intel Alder Lake-N Series  
Ultra-Compact Motherboard



## Features

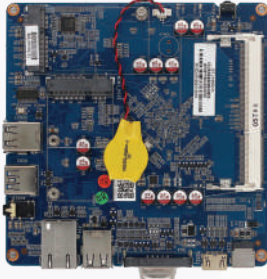
- CPU: Intel Alder Lake-N Series
- Memory: 1xSO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 3xUSB3.2, 1xUSB2.0, 1xUSB-C, COM optional, Audio, Wired Control Optional
- Display: 2xHDMI2.0, USB-C
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: SATA FPC, M.2 Key B for SATA/4G, SIM optional, M.2 Key E for Wi-Fi, eMMC optional
- Power: 12V/19V DC input



DTN100-N	DT Intel N100 MALNE50 1DDR4 2LAN(2*2.5GR) 2HDMI Type-C M.2-SATA
DTN100-N	DT Intel N100 MALNE50 1DDR4 2LAN(2*2.5GR) 2HDMI Type-C M.2-SATA 1COM
DTN305-N	DT Intel i3-N305 MALNE50 1DDR4 2LAN(2*2.5GR) 2HDMI Type-C M.2-SATA

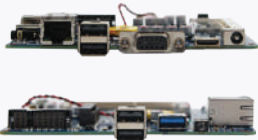
# MBYTE50

Fanless  
 Intel Bay Trail Series  
 Ultra-Compact Motherboard



## Features

- CPU: Intel Bay Trail Series
- Memory: 1xSO-DIMM DDR3L up to 8GB
- I/O Interface: 1xLAN, 1xUSB3.2, 4xUSB2.0, Audio
- Display: 1xmini-HDMI, 1xVGA
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: mSATA SSD/4G, Mini PCIe, SIM, TF Card Slot, eMMC Optional
- Power: 19V DC input



DTJ1800-N	DT Nano Intel Celeron J1800 MBYTE50
DTJ1900-N	DT Nano Intel Celeron J1900 MBYTE50 LAN HDMI(With Lock)

# MJSLE50

Smart Fan  
 Intel Jasper Lake Series  
 Ultra-Compact Motherboard



## Features

- CPU: Intel Jasper Lake Series
- Memory: 2xSO-DIMM DDR4 up to 32GB
- I/O Interface: 1xLAN, 2xUSB3.2, 2xUSB2.0, 1xUSB-C, Audio
- Display: 2xHDMI2.0
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: M.2 Key M for NVMe/SATA, M.2 Key E for Wi-Fi
- Power: 12V DC input



DT5095-N	DT Intel Celeron N5095/N5095A MJSLE50 1LAN 2HDMI Type-C NVME/SATA

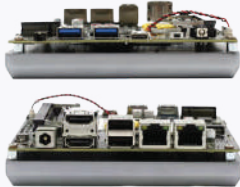
# MEHLE50

Fanless  
Intel Elkhart Lake Series  
Ultra-Compact Motherboard



## Features

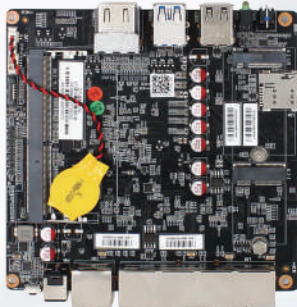
- CPU: Intel Elkhart Lake J6412 Processor
- Memory: 2xSO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 2xUSB3.2, 2xUSB2.0, Type-C, 1xCOM, Audio
- Display: 2xHDMI2.0
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: M.2 Key B for SATA/4G, SATA, M.2 Key E for Wi-Fi, SIM
- Power: 12V DC input



DTJ6412-N	DT Intel Celeron J6412 MEHLE50 2LAN(8111H) 2DDI SIM 1COM M.2(SATA)
DTJ6412-N	DT Intel Celeron J6412 MEHLE50 2LAN(8111H) 2DDI SIM M.2(SATA)

# MEHLE51

Fanless  
Intel Elkhart Lake Series  
Ultra-Compact Motherboard



## Features

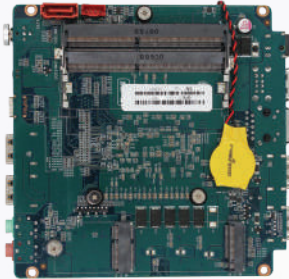
- CPU: Intel Elkhart Lake J6412 Processor
- Memory: 1xSO-DIMM DDR4 up to 32GB
- I/O Interface: 4xLAN, 2xUSB3.2, 2xUSB2.0, 1xCOM
- Display: 2xHDMI2.0
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: M.2 Key B for SATA/4G, SATA, M.2 Key E for Wi-Fi, SIM
- Power: 12V DC input



DTJ6412-NL	DT Intel Celeron J6412 MEHLE51 4LAN(1226V) 2HDMI SIM 1COM M.2(SATA)
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# MTLE50

Smart Fan  
 Intel Tiger Lake Series  
 Ultra-Compact Motherboard



## Features

- CPU: Intel Tiger Lake Series
- Memory: 2xSO-DIMM DDR4 up to 64GB
- I/O Interface: 1xLAN, 2xUSB3.2, 2x USB2.0, 1xUSB-C, Audio
- Display: 2xHDMI
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: SATA3.0, M.2 Key E for NVMe, M.2 Key E for Wi-Fi
- Power: 12V/19V DC input



DT11320H-N	DT Intel Core i5-11320H MTLE50 1LAN 2HDMI Type-C NVME
DT1135G7-N	DT Intel Core i5-1135G7 MTLE50 1LAN 2HDMI Type-C NVME
DT1185G7E-N	DT Intel Core i7-1185G7E MTLE50 1LAN 2HDMI Type-C NVME

# MRLE50

Smart Fan  
 Intel Alder Lake/Raptor Lake-P/H Series  
 Ultra-Compact Motherboard



## Features

- CPU: Intel Alder Lake/Raptor Lake-P/H Series
- Memory: 2x SO-DIMM DDR5 up to 64GB
- I/O Interface: 1xLAN, 2xUSB3.2, 1xUSB2.0, 1xUSB-C, 1xTBT4, Audio
- Display: 1xDP1.4, 1xHDMI2.0, 1xTBT4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: M.2 Key M for NVMe, M.2 Key M for NVMe/SATA, M.2 Key E for Wi-Fi
- Power: 19V/20V DC input



DT1240P-N	DT Intel Core i5-1240P MRLE50 2DDR5 1LAN(2.5G) DP+HDMI 2NVME TBT4
DT12450H-N	DT Intel Core i5-12450H MRLE50 2DDR5 1LAN(2.5G) DP+HDMI 2NVME TBT4
DT12650H-N	DT Intel Core i7-12650H MRLE50 2DDR5 1LAN(2.5G) DP+HDMI 2NVME TBT4
DT12700H-N	DT Intel Core i7-12700H MRLE50 2DDR5 1LAN(2.5G) DP+HDMI 2NVME TBT4
DT13620H-N	DT Intel Core i7-13620H MRLE50 2DDR5 1LAN(2.5G) DP+HDMI TBT4 2NVME
DT13700H-N	DT Intel Core i7-13700H MRLE50 2DDR5 1LAN(2.5G) DP+HDMI 2NVME TBT4

# MFPE50

## Smart Fan

AMD Ryzen 3000/R1000 Series  
Ultra-Compact Motherboard



## Features

- CPU: AMD Ryzen 3000/R1000 Series
- Memory: 2xSO-DIMM DDR4 up to 64GB
- I/O Interface: 1xLAN, 3xUSB3.2, 2xUSB2.0, Audio
- Display: 2xHDMI
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: SATA3.0, M.2 Key M for NVMe or SATA, M.2 Key E for Wi-Fi
- Power: 12V DC input

DT3020E-N

DT AMD 3020E MFPE50 1LAN 2HDMI SATA

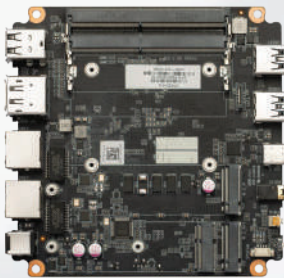
DTR1305G-N

DT AMD R1305G MFPE50 1LAN 2HDMI SATA

# MFPE550

## Smart Fan

AMD Ryzen 3000/R2000 Series  
Ultra-Compact Motherboard



## Features

- CPU: AMD Ryzen 3000/R2000 Series
- Memory: 2xSO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 3xUSB3.2, 1xUSB2.0, 1xUSB-C, Audio
- Display: 1xDP2.1, 1xHDMI2.1, 1xUSB-C
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: SATA FPC, M.2 Key M for NVMe, M.2 Key M for NVMe/SATA, M.2 Key E for Wi-Fi
- Power: 19V/20V DC input

DTR2314-Q

DT AMD R2314 MFPE550 2DDR4 2LAN HDMI+DP USBC NVME+NVME/SATA FPC-SATA

DTR2514-Q

DT AMD R2514 MFPE550 2DDR4 2LAN HDMI+DP USBC NVME+NVME/SATA FPC-SATA

DTR2544-Q

DT AMD R2544 MFPE550 2DDR4 2LAN HDMI+DP USBC NVME+NVME/SATA FPC-SATA

DT3500U-Q

DT AMD 3500U MFPE550 2DDR4 2LAN HDMI+DP USBC NVME+NVME/SATA FPC-SATA

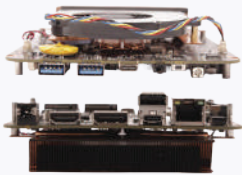
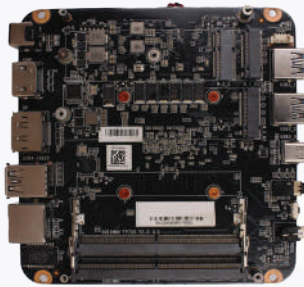
DT3700U-Q

DT AMD 3700U MFPE550 2DDR4 2LAN HDMI+DP USBC NVME+NVME/SATA FPC-SATA

# MFPE750V2.0

## Smart Fan

AMD Ryzen 6000/7000/8000 FP7r2Series  
Ultra-Compact Motherboard



## Features

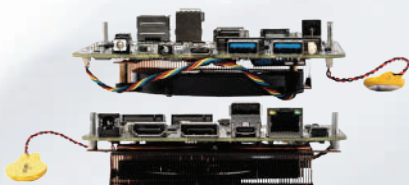
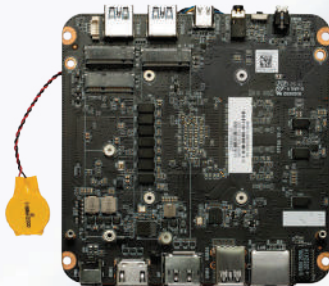
- CPU: AMD Ryzen 6000/7000/8000 FP7r2 Series
- Memory: 2xSO-DIMM DDR5 up to 64GB
- I/O Interface: 1xLAN, 2xUSB3.2,USB2.0,USB-C,USB4, Audio
- Display: 1xHDMI2.0, 1xDP1.4, 1xUSB4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: 2xM.2 Key M for NVMe, M.2 Key E for Wi-Fi(Support PCIe & USB)
- Power: 19V/20V DC input

DT6600H-N	DT AMD 6600H MFPE750V20 DDR5 1LAN(2.5GI) HDMI+DP USB4 2NVME
DT7735HS-N	DT AMD 7735HS MFPE750V20 DDR5 1LAN(2.5GI) HDMI+DP USB4 2NVME
DT7840HS-N	DT AMD 6600H MFPE750V20 DDR5 1LAN(2.5GI) HDMI+DP USB4 2NVME
DT8745HS-N	DT AMD 8745HS MFPE750V20 DDR5 1LAN(2.5GI) HDMI+DP USB4 2NVME
DT8845HS-N	DT AMD 8845HS MFPE750V20 DDR5 1LAN(2.5GI) HDMI+DP USB4 2NVME

# MFPE750V3.0

## Smart Fan

AMD Ryzen 6000/7000/8000 FP7 Series  
Ultra-Compact Motherboard



## Features

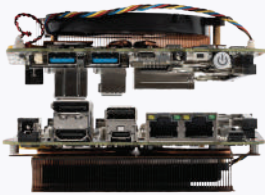
- CPU: AMD Ryzen 5 6600U Processor
- Memory: Onboard LPDDR5 24GB/32GB
- I/O Interface: 1xLAN, 2xUSB3.2, USB2.0, USB-C, USB4, Audio
- Display: 1xDP1.4, 1xHDMI2.0, 1xUSB4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: 2xM.2 Key M for NVMe, M.2 Key E for WiFi(Support PCIe & USB)
- Power: 19V/20V DC input

DT6600U-N-24G	DT AMD 6600U MFPE750V30 LPDDR5_24G 1LAN(2.5GI) HDMI+DP USB4 2NVME
DT6600U-N-32G	DT AMD 6600U MFPE750V30 LPDDR5_32G 1LAN(2.5GI) HDMI+DP USB4 2NVME

# MFPE850

## Smart Fan

Ryzen™/Ryzen™ AI FP8 200/300 Series  
Ultra-Compact Motherboard



## Features

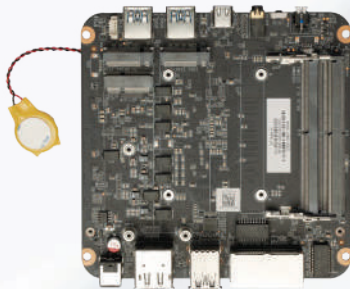
- CPU: AMD Ryzen™/Ryzen™ AI FP8 200/300 Series
- Memory: 2xSO-DIMM DDR5 up to 96GB
- I/O Interface: 2xLAN,2xUSB3.2,1xUSB2.0,1xUSB-C,1xUSB4,Audio
- Display: 1xHDMI2.1, 1xDP2.1, 1xUSB4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: 2xM.2 Key M for NVMe, M.2 Key E for Wi-Fi
- Power: 19V/20V DC input

DTH255-N	DT AMD H 255 MFPE850 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME
DTH260-N	DT AMD 260 MFPE850 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME
DTHX370-N	DT AMD HX 370 MFPE850 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME

# MMTLE50

## Smart Fan

Intel Meteor Lake/Arrow Lake-H Series  
Ultra-Compact Motherboard



## Features

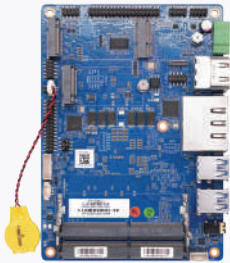
- CPU: Intel Meteor Lake/Arrow Lake-H Series, Core™ Ultra
- Memory: 2xSO-DIMM DDR5 up to 96GB
- I/O Interface: 2xLAN,2xUSB3.2,1xUSB2.0,1xUSB-C,1xTB4,Audio
- Display: 1xHDMI2.1, 1xDP2.1, 1xTB4
- Ethernet: 10/100/1000/2500Mbps
- Storage/Expansion: 2xM.2 Key M for NVMe, M.2 Key E for Wi-Fi
- Power: 19V/20V DC input

DT125H-N	DT Intel Core Ultra 5 125H MMTLE50 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME
DT155H-N	DT Intel Core Ultra 7 155H MMTLE50 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME
DT255H-N	DT Intel Core Ultra 7 255H MMTLE50 2DDR5 2LAN(2.5GR) DP+HDMI USB4 2NVME

# MALE-35

## 3.5" SBC

Intel Alder Lake/Raptor Lake-U Series 3.5" Single Board Computer



DT1215U-I DT Intel Core i3-1215U MALE35V12 2DDR4 2LAN(I210+I219) 2DDI+LVDS 4\*RS232+2\*RS232/RS485/RS422 M.2(NVME+SATA)  
 DT1235U-I DT Intel Core i5-1235U MALE35V12 2DDR4 2LAN(I210+I219) 2DDI+LVDS 4\*RS232+2\*RS232/RS485/RS422 M.2(NVME+SATA)  
 DT1255U-I DT Intel Core i7-1255U MALE35V12 2DDR4 2LAN(I210+I219) 2DDI+LVDS 4\*RS232+2\*RS232/RS485/RS422 M.2(NVME+SATA)

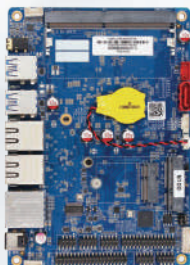
## Features

- CPU: Intel Alder Lake/Raptor-U Series
- Memory: Dual Channel SO-DIMM DDR4, up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2, 4xUSB2.0(header), GPIO, Audio
- Display: 2xHDMI, 1x eDP/LVDS
- Ethernet: 10/100/1000Mbps
- Storage/Expansion: SATA3.0 FPC, M.2 Key B for SATA/4G, M.2 Key M for NVMe, M.2 Key E for Wi-Fi(PCle & CNVi), SIM Optional
- Power: 12-35V 2-Pin Phoenix input

# MALNE-35V1.0

## 3.5" SBC

Intel Alder Lake-N Series 3.5" Single Board Computer



DTN305-I DT Intel i3-N305 MALNE35V10 1DDR4 2LAN(2\*i210) 4\*RS232+2\*RS485 DP+DDI+LVDS  
 DTN97-I DT Intel N97 MALNE35V10 1DDR4 2LAN(2\*i210) 4\*RS232+2\*RS485 DP+DDI+LVDS

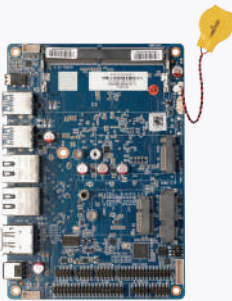
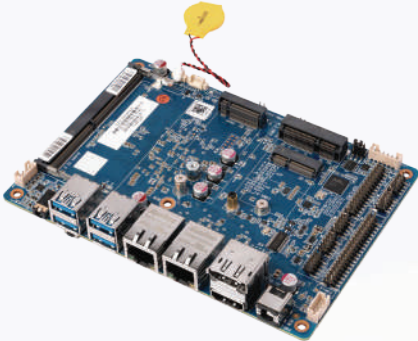
## Features

- CPU: Intel Alder Lake-N Series
- Memory: Single-channel DDR4 SO-DIMM, up to 16GB/32GB
- I/O Interface: 2xLAN, 6xCOM (header), 4xUSB3.2, 4xUSB2.0 (header), GPIO, Audio
- Display: 1xHDMI, 1x DP, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: SATA3.0, mSATA SSD/4G, M.2 Key E for Wi-Fi(CNVi), SIM optional
- Power: 12-35V DC-IN

# MALNE-35V2.0

## 3.5" SBC

Intel Alder Lake-N Series 3.5" Single Board Computer



## Features

- CPU: Intel Alder Lake-N Series
- Memory: Single-channel DDR4 SO-DIMM, up to 16GB/32GB
- I/O Interface: 2xLAN, 6xCOM (header), 4xUSB3.2, 4xUSB2.0(header), GPIO, Audio
- Display: 1xHDMI, 1xDP, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: mSATA SSD/4G/5G, M.2 Key E for Wi-Fi, SIM optional
- Power: 12-35V DC-IN

DTN97-I	DT Intel N97 MALNE35V20 1DDR4 2LAN(2*i210) 4*RS232 2*RS485 DP+HDMI+LVDS M.2 4G/5G
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# MBYTE-35V1.0

## 3.5" SBC

Intel Bay Trail Series 3.5" Single Board Computer



## Features

- CPU: Intel Bay Trail Series
- Memory: Onboard DDR3L, up to 4GB
- I/O Interface: 2xLAN, 6xCOM(header), 1xUSB3.2, 5xUSB2.0(4\*header), GPIO, Audio
- Display: 1xHDMI, 1xVGA, 1xLVDS/eDP
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: SATA, mSATA SSD/4G, Mini PCIe, SIM, eMMC optional
- Power: 12V/19V DC input, 12-36V optional

DTJ1900-I-4G	DT 3.5INCH Intel Celeron J1900 MBYTE35V15 2LAN(2*i210) 6COM DDR3L 4G LV
DTN2940-I-4G	DT 3.5INCH Intel Celeron N2940 MBYTE35V15 2LAN 6COM DDR3L 4G LV

# MBYTE-35V2.0

## 3.5" SBC

Intel Bay Trail Series 3.5" Single Board Computer



## Features

- CPU: Intel Bay Trail Series
- Memory: Dual Channel SO-DIMM DDR3L, up to 4GB
- I/O Interface: 2xLAN, 6xCOM(header), 1x USB3.2, 5xUSB2.0(4\*header), GPIO, Audio
- Display via: 1xHDMI, 1xVGA, 1xLVDS/eDP
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: SATA, mSATA SSD/4G, Mini PCIe, SIM, eMMC optional
- Power: 12V/19V DC input, 12-36V optional

DTJ1900-I

DT 3.5INCH Intel Celeron J1900 MBYTE35V21 2LAN(2\*i210) 6COM(232) SODIMM LVDS

# MEHLE-35V1.0

## 3.5" SBC

Intel Elkhart Lake Series 3.5" Single Board Computer



## Features

- CPU: Intel Celeron Processor J6412
- Memory: Single Channel SO-DIMM DDR4, up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), GPIO, 4xUSB3.2, 4xUSB2.0(header), Audio,
- Display: 1xHDMI, 1xDP, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: SATA, mSATA SSD/4G, M.2 Key E for Wi-Fi
- Power: 12V DC input

DTJ6412-I

DT Intel Celeron J6412 MEHLE35V11 1DDR4 2LAN(2\*RTL8111H) 4\*RS232 2\*RS485 DP+DDI+LVDS

# MEHLE-35V2.0

## 3.5" SBC

Intel Elkhart Lake Series 3.5" Single Board Computer



## Features

- CPU: Intel Celeron Processor J6412
- Memory: Single Channel SO-DIMM DDR4, up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2, 4xUSB2.0(header), GPIO, Audio,
- Display: 1xHDMI, 1xDP, 1x eDP/LVDS
- Ethernet: 10/100/1000/2500 Mbps
- Storage/Expansion: SATA, mSATA SSD/4G, M.2 Key E for Wi-Fi
- Power: 12V DC input



DTJ6412-I-226

DT Intel Celeron J6412 MEHLE35V21 1DDR4 2LAN(2\*2.5GI) 4\*RS232 2\*RS485 DP+DDI+LVDS

# MFPE535

## 3.5" SBC

AMD Ryzen Embedded FP5 R2000 Series 3.5" Single Board Computer



## Features

- CPU: AMD Ryzen FP5 R2000 Series
- Memory: Dual-channel DDR4 SO-DIMM, up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 2xUSB3.2, 5xUSB2.0(header), GPIO, Audio
- Display: 2xHDMI, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: M.2 Key B for SATA/4G/5G, mSATA SSD, SIM
- Power: 9-35V DC-IN



DTR2312-I

DT AMD R2312 MFPE535 2DDR4 2LAN(2\*RTL8111H) 4\*RS232 2\*RS485 2HDMI+LVDS

DTR2314-I

DT AMD R2314 MFPE535 2DDR4 2LAN(2\*RTL8111H) 4\*RS232 2\*RS485 2HDMI+LVDS

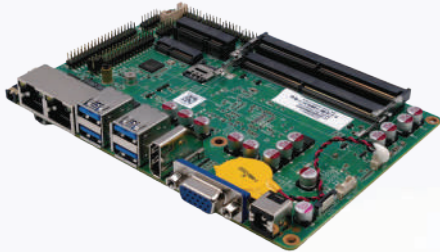
DTR2514-I

DT AMD R2514 MFPE535 2DDR4 2LAN(2\*RTL8111H) 4\*RS232 2\*RS485 2HDMI+LVDS

# MKLE-35V2.0

## 3.5" SBC

Intel Skylake/Kaby Lake-R  
Series 3.5" Single Board Computer



## Features

- CPU: Intel 6th/7th/8th Gen Series Core i5
- Memory: Dual Channel SO-DIMM DDR4, up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2, 4xUSB2.0(header), GPIO, Audio
- Display: 1xHDMI, 1xVGA, 1x eDP
- Ethernet: 10/100/1000 Mbps
- Storage/Expansion: SATA, mSATA SSD/4G, M.2 Key E for Wi-Fi, Nano SIM
- Power: 9-35V DC input



DT6200U-I	DT Intel Core i5-6200U MKLE35V21 2DDR4 2*LAN(i219+i210) 4*RS232 2*RS485 DDI+VGA+LVDS MSATA/4G
DT7100U-I	DT Intel Core i3-7100U MKLE35V20 2DDR4 2*LAN(i219+i210) 4*RS232 2*RS485 DDI+VGA+LVDS MSATA/4G
DT7200U-I	DT Intel Core i5-7200U MKLE35V20 2DDR4 2*LAN(i219+i210) 4*RS232 2*RS485 DDI+VGA+LVDS MSATA/4G
DT8250U-I	DT Intel Core i5-8250U MKLE35V21 2DDR4 2*LAN(i219+i210) 4*RS232 2*RS485 DDI+VGA+LVDS MSATA/4G

# MWLE-35

## 3.5" SBC

Intel Whiskey Lake/Comet Lake-U  
Series 3.5" Single Board Computer



## Features

- CPU: Intel Whiskey Lake/Comet Lake-U Series
- Memory: Dual Channel SO-DIMM DDR4, up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 4x USB3.2, 2xUSB2.0(header), GPIO, Audio
- Display: 2xHDMI, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage/ Expansion: SATA FPC, mSATA SSD/4G, M.2 for WiFi, SIM
- Power: 12V/19V DC input



DT4205U-I	DT 3.5INCH Intel Celeron 4205U MWLE35 2DDR4 2LAN 4*RS232+2*RS485 2*HDMI+LVDS MSATA/4G
DT5405U-I	DT 3.5INCH Intel Pentium 5405U MWLE35 2DDR4 2LAN 4*RS232+2*RS485 2*HDMI+LVDS MSATA/4G
DT8145U-I	DT 3.5INCH Intel Core i3-8145U MWLE35 2DDR4 2LAN 4*RS232+2*RS485 2*HDMI+LVDS MSATA/4G
DT8145U-I	DT 3.5INCH Intel Core i3-8145U MWLE35 2DDR4 2LAN 4*RS232+2*RS485 2*HDMI+LVDS MSATA/4G

# EHWME-10(EOL)

## Mini-ITX

Intel Haswell (FCPGA946) based Industrial Motherboard with HM86 Chipset



## Features

- CPU: Intel Haswell Celeron Pentium, Core Processor
- Memory: Dual Channel SO-DIMM DDR3L up to 32GB
- I/O Interface: 1xLAN, 4xCOM(header), 4x USB3.2 4xUSB2.0(header), GPIO, PS/2, Audio
- Display via: 1xHDMI, 1xVGA, 1x eDP/LVDS
- Ethernet: 10/100/1000 Mbps
- Storage: SATA3.0, mSATA
- Expansion: M.2 for WiFi
- Power: 12/19V DC input

DTHM86-A	DT ITX INTEL HM86 MHWME10 1LAN 4COM HDMI+VGA+LVDS
DTHM86-C	DT ITX INTEL HM86 MHWME10 1LAN HDMI+VGA+LVDS AIO
DTHM86-E	DT ITX INTEL HM86 MHWME10 1LAN HDMI+VGA+EDP AIO

# MSKDE-70

## Mini-ITX

Intel Skylake-S/Kaby lake-S (FCLGA1151) based Industrial Motherboard with H110/B150/Z170 Chipset



## Features

- CPU: Intel Skylake-S/Kaby Lake-S Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 32 GB
- I/O Interface: 3xLAN, 5xCOM(header), 4xUSB3.2, GPIO, LPT, 5xUSB2.0(2\*header, 1\*vertical interface), PS/2, Audio
- Display via: 1xHDMI, 1xDP, 1x eDP Optional
- Ethernet: 10/100/1000 Mbps
- Storage: SATA3.0, M.2
- Expansion: PCIe 16X, PCIe 1X, M.2 for WiFi
- Power: ATX\_24Pin+ATX12V

DTH110-IOT	DT Intel H110 MSKDE70 170*170MM IOT 3LAN
DTZ170-IOT	DT Intel Z170 MSKDE70 170*170MM IOT 3LAN

# MCLDE-15

## Mini-ITX

Intel 6th, 7th, 8th, 9th Gen (FCLGA1151) CPU based Industrial Motherboard with H310C Chipset



DTH310C-C DT INTEL H310C MCLDE15 4USB3.2+2LAN+2DDR4+VGA+HDMI+LVDS

## Features

- CPU: Intel 6th, 7th, 8th, 9th Gen Desktop Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64 GB
- I/O Interface: 1xLAN, 1xCOM(header), 4xUSB3.2, 4xUSB2.0(Header), Audio
- Display via: 1xHDMI1.4, 1xVGA, 1xLVDS
- Ethernet: 10/100/1000 Mbps
- Storage: SATA3.0, mSATA
- Expansion: M.2 for WiFi
- Power: 19V DC input

# MCFDE-10

## Mini-ITX

Intel Coffee Lake 8th, 9th Gen (FCLGA1151) based Industrial Motherboard with H310 Chipset



DTH310 DT INTEL H310 MCFDE10 4USB3.2 2LAN DDR4 DP+HDMI+LVDS

## Features

- CPU: Intel Coffee Lake 8th, 9th Gen Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64 GB
- I/O Interface: 2xLAN, 6x COM(2\*header), 4x USB2.0(header), 4x USB3.2, GPIO, TPM\*header, Audio
- Display via: 2xHDMI(1\*header), 1xDP, 1xLVDS/eDP
- Ethernet: 10/100/1000 Mbps
- Storage: SATA3.0, M.2
- Expansion: mini PCIe, SIM Card Slot
- Power: 19V DC input

# MBYTE-60

## Mini-ITX

### Intel Bay Trail-D based Embedded Motherboard

\*Note: One LAN can be changed to 2xUSB2.0



## Features

- CPU: Intel Bay Trail Celeron, Atom Processors,
- Memory: Single Channel SO-DIMM DDR3L up to 8GB
- I/O Interface: 2xLAN, 6xCOM(header), 1xUSB3.2,GPIO, 5xUSB2.0 (1\*Port + 4\*header)PS/2, LPT, Audio
- Display via: 1xVGA,1xHDMI, 1xLVDS (eDP, optional)
- Ethernet: 10/100/1000Mbps
- Storage: SATA2.0, mSATA, eMMC (optional)
- Expansion: mini-PCIe
- Power:12V DC input

DTN2940-E	DT ITX INTEL Celeron N2940 MBYTE60 2LAN 6COM LVDS
DTJ1900-EA	DT ITX INTEL Celeron J1900 MBYTE60 1LAN 6COM
DTJ1900-EE	DT ITX INTEL Celeron J1900 MBYTE60 2LAN 6COM EDP
DTJ1900-E	DT ITX INTEL Celeron J1900 MBYTE60 2LAN 6COM LVDS
DTJ1900-E-485	DT ITX INTEL Celeron J1900 MBYTE60 2LAN 5*RS232 1*RS485

# MBWE-10 (6COM)

## Mini-ITX

### Intel Broadwell-U based Embedded Motherboard with 6 COM

\*Note: One LAN can be changed to 2xUSB2.0



## Features

- CPU: Intel Broadwell-U Celeron, Core Processor
- Memory: Single Channel SO-DIMM DDR3L up to 8GB
- I/O Interface: 2xLAN, 6xCOM(header),2xUSB3.2, 6xUSB2.0(Header), GPIO, PS/2(header), LPT, Audio
- Display via: 1xHDMI, 1xVGA, 1x LVDS/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, mSATA
- Expansion: mini-PCIe
- Power: 12V DC input

DT4200U-B	DT MINI-ITX INTEL Core i5-4200U MBWE10 2LAN 6COM VGA+HDMI+LVDS
DT4200U-B1	DT MINI-ITX INTEL Core i5-4200U MBWE10 1LAN 6COM VGA+HDMI+LVDS
DT5287U-B	DT MINI-ITX INTEL Core i5-5287U MBWE10 2LAN 6COM VGA+HDMI+LVDS
DT5287U-B1	DT MINI-ITX INTEL Core i5-5287U MBWE10 1LAN 6COM VGA+HDMI+LVDS

# MBWE-10 (10COM)

## Mini-ITX

Intel Broadwell-U based Embedded Motherboard with 10 COM \*Note: One LAN can be changed to 2xUSB2.0



DT4200U-B-10COM	DT MINI-ITX INTEL Core i5-4200U MBWE10 2LAN 10*RS232 VGA+HDMI+LVDS
DT5200U-B-10COM	DT MINI-ITX INTEL Core i5-5200U MBWE10 2LAN 10*RS232 VGA+HDMI+LVDS
DT5287U-B-10COM	DT MINI-ITX INTEL Core i5-5287U MBWE10 2LAN 10*RS232 VGA+HDMI+LVDS
DT5500U-B-10COM	DT MINI-ITX INTEL Core i7-5500U MBWE10 2LAN 10*RS232 VGA+HDMI+LVDS

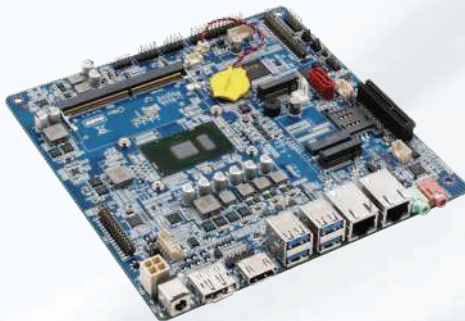
## Features

- CPU: Intel Broadwell-U Celeron, Core Processor
- Memory: Single Channel SO-DIMM DDR3L up to 8 GB
- I/O Interface: 2xLAN, 10xCOM(header),2xUSB3.2, 6xUSB2.0(Header), PS/2(header), GPIO, Audio
- Display via: 1xHDMI, 1xVGA,1xLVDS/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, mSATA
- Expansion: mini-PCIe
- Power: 12V DC input

# MKLE-10(EOL)

## Mini-ITX

Intel Kaby Lake-U based Embedded Motherboard



DT3855U-A	DT MINI-ITX INTEL Celeron 3855U MKLE10 2LAN 6COM DP+HDMI+LVDS
DT3865U-A	DT MINI-ITX INTEL Celeron 3865U MKLE10 2LAN 6COM DP+HDMI+LVDS
DT3865U-E	DT MINI-ITX INTEL Celeron 3865U MKLE10 2LAN 6COM DP+HDMI+EDP
DT7200U-A	DT MINI-ITX INTEL Core i5-7200U MKLE10 2LAN 6COM DP+HDMI+LVDS

## Features

- CPU: Intel Kaby Lake-U Celeron, Core Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 32 GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2, 4xUSB2.0(header), GPIO, PS/2(header), LPT, Audio
- Display via: 1xHDMI, 1xDP, 1x LVDS/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2, eMMC Optional
- Expansion: M.2 for WiFi, PCIe 4X
- Power: 12V DC input

# MWLE-10

## Mini-ITX

Intel Whiskey Lake/Comet Lake-U based Embedded Motherboard



## Features

- CPU: Intel Whiskey Lake/Comet Lake-U Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 3xUSB3.2, 5xUSB2.0(4\*header), LPT, PS/2, GPIO, Audio
- Display via: 1xHDMI, 1xDP, 1x LVDS/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2,
- Expansion: PCIe 4X, M.2 for WiFi
- Power: 12V DC input



DT4205-A	DT MINI-ITX INTEL Celeron 4205U MWLE10 2LAN 6COM DP+HDMI+LVDS
DT8145-A	DT MINI-ITX INTEL Core i3-8145U MWLE10 2LAN 6COM DP+HDMI+LVDS
DT8265-A	DT MINI-ITX INTEL Core i5-8265U MWLE10 2LAN 6COM DP+HDMI+LVDS
DT5405-A	DT MINI-ITX Intel Pentium 5405U MWLE10 2LAN 6COM DP+HDMI+LVDS
DT10210-A	DT MINI-ITX INTEL Core i5-8665U MWLE10 2LAN 6COM DP+HDMI+LVDS

# MTLE-10

## Mini-ITX

Intel Tiger Lake-U based Embedded Motherboard



## Features

- CPU: Intel Tiger Lake-U Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 1xCOM(header), 2xUSB3.2, 6xUSB2.0(4\*header), LPC, Audio
- Display via: 4xHDMI2.0
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2 SSD NVMe,
- Expansion: PCIe 2X, M.2 for WiFi, M.2 for 4G/5G
- Power: 12V DC input

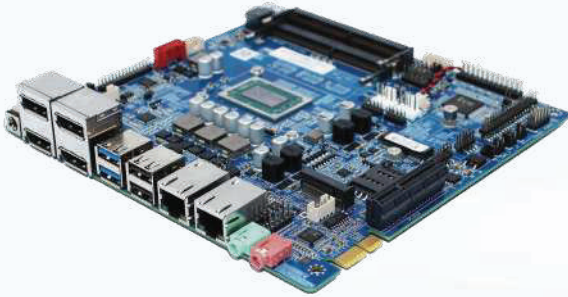


DT6305-A	DT MINI-ITX INTEL Celeron 6305 MTLE10 2LAN 4HDMI 1COM (232/485/422)
DT1115G4-A	DT MINI-ITX INTEL Core i3-1115G4 MTLE10 2LAN 4HDMI 1COM (232/485/422)
DT1135G7-A	DT MINI-ITX INTEL Core i5-1135G7 MTLE10 2LAN 4HDMI 1COM (232/485/422)
DT1145G7-A	DT MINI-ITX INTEL Core i5-1145G7E MTLE10 2LAN 4HDMI 1COM (232/485/422)
DT11320H-A	DT MINI-ITX INTEL Core i5-11320H MTLE10 2LAN 4HDMI 1COM (232/485/422)
DT1165G7-A	DT MINI-ITX INTEL Core i7-1165G7 MTLE10 2LAN 4HDMI 1COM (232/485/422)

# MFPE-10

## Mini-ITX

AMD Ryzen™ Quad Core Processor based Embedded Motherboard with 4 Display Ports



DTV1605-A DT AMD V1605B MFPE10 2LAN 4DP 6COM  
 DTV1605-2C-A DT AMD V1605B MFPE10 2LAN 4DP 2COM

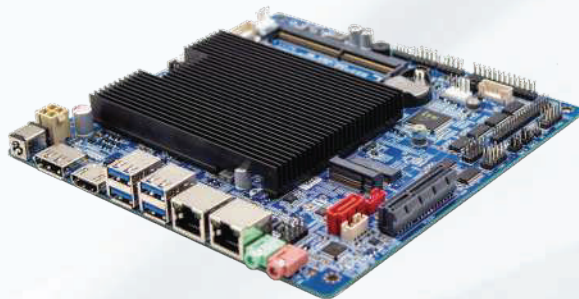
## Features

- CPU: Ryzen™ 5 2500U, V1605B Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 2xUSB3.2, 8xUSB2.0(6\*header), GPIO, LPT,LPC,PS/2, Audio
- Display via: Up to 4xDP1.4 (DP1/eDP/LVDS optional)
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2,
- Expansion: PCIe 4X, PCIe 1X, M.2 for WiFi,
- Power: 12V DC input

# MEHLE-10

## Mini-ITX

Intel Elkhart Lake based Embedded Motherboard



DTJ6412-A DT MINI-ITX INTEL Celeron J6412 MEHLE10 2LAN 6COM DP+HDMI+LVDS  
 DTJ6426-A DT MINI-ITX INTEL Pentium J6426 MEHLE10 2LAN 6COM DP+HDMI+LVDS  
 DTx6427FE-A DT MINI-ITX INTEL Atom x6427FE MEHLE10 2LAN 6COM DP+HDMI+LVDS  
 DTx6425RE-A DT MINI-ITX INTEL Atom x6425RE MEHLE10 2LAN 6COM DP+HDMI+LVDS

## Features

- CPU: Intel Elkhart Lake Celeron, Pentium and Atom Processor
- Memory: Single Channel SO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2, 4xUSB2.0(header), GPIO, LPT, Audio
- Display via: 1xHDMI+1xDP+1x LVDS/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2,
- Expansion: PCIe 4X(PCle2X Signal), M.2 for WiFi, Optional SIM
- Power: 12V DC input / 4 Pin Power

# MJSLE-15

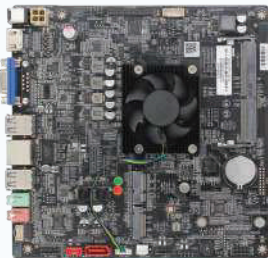
## Mini-ITX

Intel Jasper Lake Processor based Embedded Motherboard



## Features

- CPU: Intel Jasper Lake Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 16GB
- I/O Interface: 1xLAN, 1x COM Optional, 3xUSB3.2(header), 4xUSB3.2, Audio
- Display via: VGA, HDMI, LVDs/eDP
- Ethernet: 10/100/1000Mbps
- Storage: SATA, M.2, eMMC optional
- Expansion: M.2 for WiFi,
- Power: 12V/19V DC input



DT5095/A

DT Intel N5095/N5095A MJSLE15 1LAN HDMI+VGA+LVDS

# MFPE-20

## Mini-ITX

AMD Ryzen™ Quad Core Processor based Embedded Motherboard with 2xHDMI,DVI-D,VGA,



## Features

- CPU: Ryzen™ V1605B Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 3xUSB3.2(1\*header) 8xUSB2.0(6\*header), GPIO, Audio
- Display via: 2xHDMI2.0, DVI-D, VGA
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2,
- Expansion: M.2 for WiFi,
- Power: 12V/19V DC input



DTV1605-A

DT AMD V1605B MFPE20 2LAN 2HDMI+DVI+VGA 10COM

# MALE-10V1.0

## Mini-ITX

Intel Alder Lake-U/P Processor based Embedded Motherboard



## Features

- CPU: Intel Alder Lake-U/P Series Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2 4xUSB2.0(header), GPIO, Audio
- Display via: 4xHDMI2.0, 1x eDP/DP/HDMI2.0, 1x eDP/LVDS
- Ethernet: 1.0GbE+2.5GbE
- Storage: SATA ,M.2 NVMe SSD,
- Expansion: PCIe4X, M.2 for WiFi (CNVi)
- Power: 12V DC input



DT1220P	DT MINI-ITX INTEL Core i3-1220P MALE10 2LAN 6COM 4HDMI+EDP+LVDS
DT1240P	DT MINI-ITX INTEL Core i5-1240P MALE10 2LAN 6COM 4HDMI+EDP+LVDS
DT1260P	DT MINI-ITX INTEL Core i7-1260P MALE10 2LAN 6COM 4HDMI+EDP+LVDS
DT1235U	DT MINI-ITX INTEL Core i5-1235U MALE10 2LAN 6COM 4HDMI+EDP+LVDS
DT1255U	DT MINI-ITX INTEL Core i7-1255U MALE10 2LAN 6COM 4HDMI+EDP+LVDS

# MALDE-15

## Mini-ITX

Intel Alder Lake-S/Raptor Lake(FCLGA1700) based Industrial Motherboard with H610 Chipset



## Features

- CPU: Intel Alder Lake-S/Raptor Lake Series ≤65W
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 1xLAN, 1xCOM(header), 4xUSB3.2 4xUSB2.0(header), Audio
- Display via: HDMI+VGA+DP+LVDS/eDP, Trio Display Max
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2 SATA/NVMe SSD(PCIe3.0 4X signal)
- Expansion: M.2 for WiFi (support PCIe/CNVi/USB2.0)
- Power: 19V DC input

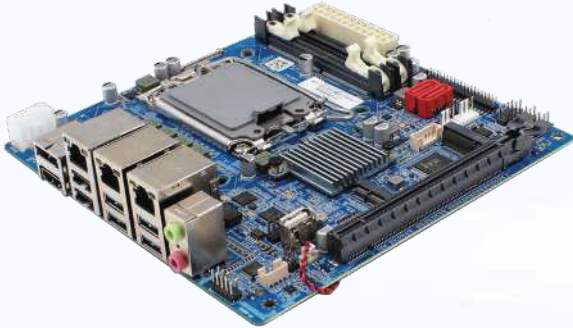


DTH610	DT Intel H610 MALDE15 4USB3+LAN+2DDR4+VGA+HDMI+LVDS+DP
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# MALDE-70

## Mini-ITX

Intel Alder Lake-S/Raptor Lake(FCLGA1700) based Industrial Motherboard with H610 Chipset



DTH610-IOT

DT Intel H610 MALDE70 170\*170MM IOT 3LAN 6\*RS232

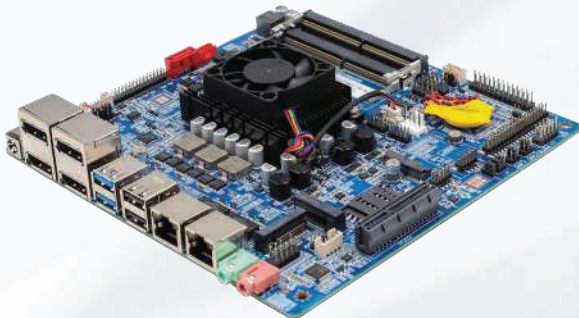
## Features

- CPU: Intel Alder Lake-S/Raptor Lake Series ≤65W
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 3xLAN, 6xCOM, 4xUSB3.2  
5xUSB2.0, GPIO, PS/2, Audio
- Display via: HDMI+DP+eDP(LVDs/DP/HDMI)
- Ethernet: 1xRJ45(1.0GbE)+2xRJ45(2.5GbE)
- Storage: 2xSATA3.0, M.2 SATA/NVMe SSD
- Expansion: PCIe16X, M.2 for WiFi (support CNVi)
- Power: 24-PIN ATX+12V ATX(2x4)

# MFPE-610(EOL)

## Mini-ITX

AMD® Ryzen™ Mobile/Embedded Series Processor based Embedded Motherboard with 4DisplayPorts



DTV2516-A

DT AMD V2516 MFPE610 2LAN 4DP 6COM

DTV2516-L

DT AMD V2516 MFPE610 2LAN 3DP+LVDS 6COM

DTV2516-E

DT AMD V2516 MFPE610 2LAN 3DP+EDP 6COM

DT5600H-A

DT AMD 5600H MFPE610 2LAN 4DP 6COM

DT5800H-A

DT AMD 5800H MFPE610 2LAN 4DP 6COM

## Features

- CPU: AMD Ryzen™ Mobile/Embedded Series Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 2xUSB3.2  
6xUSB2.0(4\*header), GPIO, LPT, Audio
- Display via: up to 4xDP1.4(DP1/LVDs/eDP optional)
- Ethernet: 10/100/1000Mbps
- Storage: SATA3.0, M.2 for SATA/4G, M.2 for NVMe/SATA
- Expansion: PCIe4X, M.2 for WiFi,
- Power: 19V DC input

# MALNE-10

## Mini-ITX

Intel Alder Lake-N Processor based Embedded Motherboard



## Features

- CPU: Intel Alder Lake-N Series Processor
- Memory: Single Channel SO-DIMM DDR4 up to 32GB
- I/O Interface: 2xLAN, 6xCOM(header), 2xUSB3.2  
6xUSB2.0(6\*header), 1xUSB Dongle, GPIO, Audio
- Display via: 1xHDMI2.0, 1x DP, 1x LVDS/eDP
- Ethernet: 10/100/1000/2500Mbps
- Storage: SATA ,M.2 for SATA/4G,
- Expansion: PCIe4X(PCIe 2X Signal), M.2 for WiFi (CNVi)
- Power: 12V/19V DC input



DTN305	DT MINI-ITX INTEL Core i3-N305 MALNE10 2LAN 6COM HDMI+DP+LVDS
DTN300	DT MINI-ITX INTEL N300 MALNE10 2LAN 6COM HDMI+DP+LVDS
DTN200	DT MINI-ITX INTEL N200 MALNE10 2LAN 6COM HDMI+DP+LVDS
DTN100	DT MINI-ITX INTEL N100 MALNE10 2LAN 6COM HDMI+DP+LVDS
DTN97	DT MINI-ITX INTEL N97 MALNE10 2LAN 6COM HDMI+DP+LVDS
DTN50	DT MINI-ITX INTEL N50 MALNE10 2LAN 6COM HDMI+DP+LVDS

# MALE-10V2.0

## Mini-ITX

Intel Alder Lake-U/P Processor based Embedded Motherboard



## Features

- CPU: Intel Alder Lake-U/P Series Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM(header), 4xUSB3.2  
4xUSB2.0(header), GPIO, Audio
- Display via: 4xHDMI2.0, 1x eDP/LVDS
- Ethernet: 1.0GbE+2.5GbE
- Storage: SATA3.0, M.2 for NVMe,M.2 for SATA/4G
- Expansion: PCIe4X, M.2 for WiFi (CNVi), Nano SIM
- Power: 19V DC input

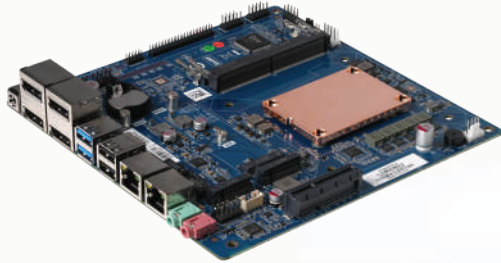


DT1255U	DT MINI-ITX Intel Core i7-1255U MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS
DT1235U	DT MINI-ITX Intel Core i5-1235U MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS
DT1215U	DT MINI-ITX Intel Core i3-1215U MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS
DT1260P	DT MINI-ITX Intel Core i7-1260P MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS
DT1240P	DT MINI-ITX Intel Core i5-1240P MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS
DT1220P	DT MINI-ITX Intel Core i3-1220P MALE10V20 2DDR4 2LAN 6COM 4DDI+LVDS

# MFPE-710

## Mini-ITX

AMD Ryzen™ AI Pro 8000 Series Processor based Embedded Motherboard with 4 DisplayPorts



## Features

- CPU: AMD Ryzen™ PRO 8845HS Processor
- Memory: Dual Channel SO-DIMM DDR5 up to 96GB
- I/O Interface: 2xLAN, 6xCOM, 2xUSB3.2 6xUSB2.0(4\*header), GPIO, Audio
- Display via: 4xDP1.4
- Ethernet: 2xRJ45(1.0GbE+2.5GbE)
- Storage: 2xM.2 for NVMe/SATA
- Expansion: PCIe4X, M.2 for WiFi
- Power: DC input(option 1:19V, option 2:12V)

DT7840HS-A-12V	DT AMD 8845HS PRO MFPE710 DDR5 2LAN 6COM 4DP PCIE4X 2*NVME 12V NO POWER ADAPTER
DT8845HS-A-19V	DT AMD 8845HS PRO MFPE710 DDR5 2LAN 6COM 4DP PCIE4X 2*NVME 19V POWER ADAPTER OPTIONAL

# MWLE-37

125 mm x 105.16 mm

Intel Whiskey Lake-U based Core Board



## Features

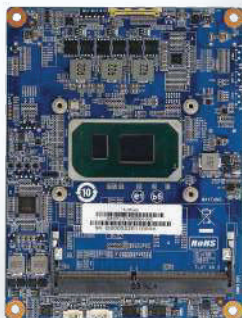
- CPU: Intel Whiskey Lake - U Celeron and Core Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- GPU: Integrated graphics, 1x eDP interface
- Other: 1x CONN1 and 1x CONN2 connectors
- Dimension: 125mm x 105.16 mm
- Power: 12V DC input

DT4205U	Intel Celeron 4205U MWLE37 CoreBoard
DT8145U	Intel Core i3-8145U MWLE37 CoreBoard
DT8265U	Intel Core i5-8265U MWLE37 CoreBoard
DT8665U	Intel Core i7-8665U MWLE37 CoreBoard

# MTLE-37

125 mm x 105.16 mm

Intel Tiger Lake-U based Core Board



## Features

- CPU: Intel Tiger Lake-U Processor
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- GPU: Integrated graphics, 1x eDP interface
- Other: 1x CONN1 and 1x CONN2 connectors
- Dimension: 125mm x 105.16 mm
- Power: 12V DC input

DT6305E	DT INTEL Celeron 6305E MTLE37 CoreBoard
DT6305RE	DT INTEL Celeron 6305RE MTLE37 CoreBoard
DT1115GRE	DT INTEL Core i3-1115GRE MTLE37 CoreBoard
DT1145G7E	DT INTEL Core i5-1145G7E MTLE37 CoreBoard
DT1145GRE	DT INTEL Core i5-1145GRE MTLE37 CoreBoard
DT1185G7E	DT INTEL Core i7-1185G7E MTLE37 CoreBoard

# SOM-MMTLE95

## System on Module

Intel Meteor Lake Processor based COM Express Type 6 Compact Module



## Features

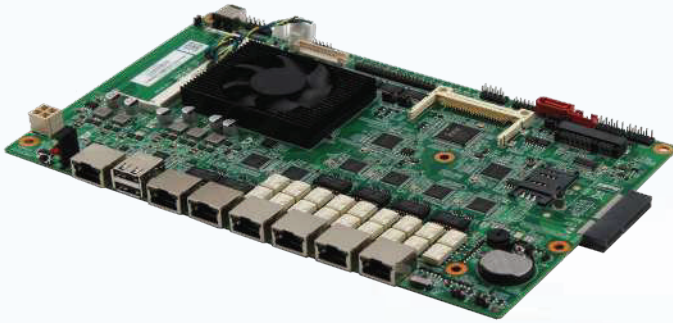
- CPU: Intel 14th Gen Core Ultra Processors  
Support Intel AI Boost NPU
- Memory: 2xSO-DIMM DDR5 up to 96GB
- I/O Support: 1xLAN, 2xCOM, 2xUSB4/TBT4,
- 4xUSB3.2, 8xUSB2.0, GPIO, LPC, Audio
- Display via: 3x DDI(HDMI/DP), LVDs/eDP
- Ethernet: 10/100/1000/2500Mbps
- Storage: 2xSATA3.0
- Expansion: 16 lanes PCIe for H series CPU,  
8 lanes PCIe for U series CPU
- Power: ATX: Vin, VSB; AT: Vin

DT125U-X	DT Intel Core Ultra 5 125U MMTLE95_M6_V05 COME TYPE6 95mm x 95mm CoreBoard
DT125H-X	DT Intel Core Ultra 5 125H MMTLE95_M6_V05 COME TYPE6 95mm x 95mm CoreBoard
DT165H-X	DT Intel Core Ultra 7 165H MMTLE95_M6_V06 COME TYPE6 95mm x 95mm CoreBoard

# MBYTE-33

238 mm x 146 mm

Intel Bay Trail based Embedded Motherboard



## Features

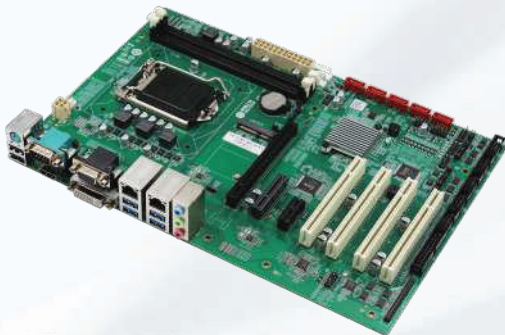
- CPU: Intel Bay Trail Celeron J1900 Processor
- Memory: Single Channel SO-DIMM DDR3L up to 8GB
- I/O Interface: 6xLAN, 6xCOM/2COM (1\*port default+5\*header) 6xUSB2.0(4\*header), GPIO, LPC
- Display via: 1xVGA
- Ethernet: 10/100/1000Mbps
- Storage: CF Card, mSATA/SATA2.0
- Expansion: mini PCIe, PCIe 4X(2X Signal)
- Power: 12V DC input

DTJ1900-6L-A	DT INTEL Celeron J1900 MBYTE33 6LAN(i211) 6COM CF+mSATA 1xBypass
DTJ1900-6L-C	DT INTEL Celeron J1900 MBYTE33 6LAN(i211) 2COM CF+mSATA 0xBypass+Lan6 Control No MiniPCIE
DTJ1900-L	DT INTEL Celeron J1900 MBYTE33 6LAN(i211) 6COM 4USB CF+SATA

# MHWDE-75

ATX

Intel Haswell Processors based ATX Motherboard with PCH B85 Chipset



## Features

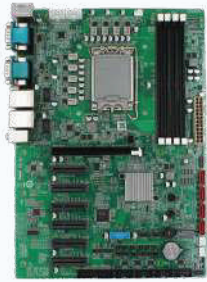
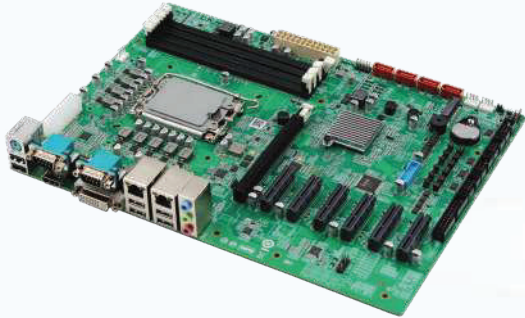
- CPU: Intel Haswell Processors with B85 Chipset
- Memory: 2x UDIMM DDR3 up to 32GB
- I/O Interface: 2xLAN, 10xCOM, 4xUSB3.2, 6xUSB2.0(4\*header), PS/2, GPIO, LPT, LPC, Audio,
- Display via: HDMI, VGA, DVI
- Ethernet: 10/100/1000Mbps
- Storage: 1x mSATA, 5xSATA
- Expansion: PCIe1X, PCIe2X, PCIe16X, PCI
- Power: ATX\_24Pin+4Pin

DTB85M-ATX	DT INTEL B85 MHWDE75 ATX 2LAN 10COM 1xPCIE16X+1xPCIE2X+1xPCIE1X+4xPCI
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# MALDE-75

## ATX

Intel Alder Lake/Raptor Lake (LGA1700) Processor based ATX Motherboard with Z690/Q670/H670



DTZ690-ATX DT INTEL Z690 MALDE75 ATX 2LAN 6COM 1xPCIE16X+1xPCIE2X+5xPCIE4X

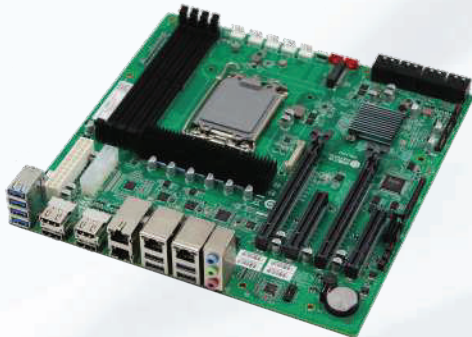
## Features

- CPU: Intel Alder Lake/Raptor Lake(LGA1700) Processor
- Memory: 4x UDIMM DDR4-3200 up to 128GB
- I/O Interface: 2xLAN, 6xCOM, 6xUSB3.2(2\*header) 6xUSB2.0(4\*header), PS/2, GPIO, LPT, Audio
- Display via: 1xHDMI, 1xDVI-I(VGA)
- Ethernet: 1.0GbE+2.5GbE
- Storage: 4xSATA, M.2 for NVMe/SATA SSD
- Expansion: 1\*PCIe16X, 1\*PCIe2X, 5\*PCIe4X
- Power: ATX\_24PIN+2\*8PIN

# MALDE-76

## mATX

Intel Alder Lake/Raptor Lake (LGA1700) Processor based Micro ATX Motherboard with Z690



DTZ690-M DT Intel Z690 MALDE76 4LAN 5COM VGA+4\*HDMI

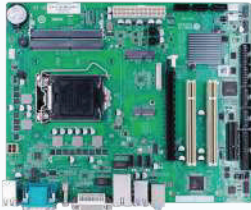
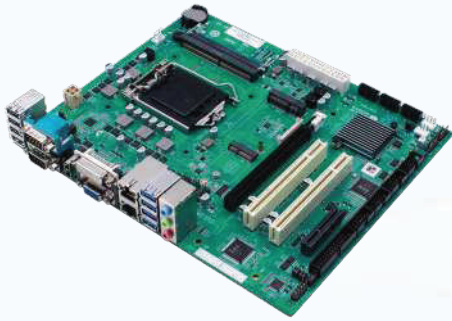
## Features

- CPU: Intel Alder Lake/Raptor Lake(LGA1700) Processor
- Memory: 4x UDIMM DDR5 up to 128GB
- I/O Interface: 4xLAN, 5xCOM, 8xUSB3.2 4xUSB2.0(header), Audio
- Display via: 4xHDMI1.4, 1xVGA\*onboard header
- Ethernet: 10/100/1000Mbps
- Storage: 8xSATA3.0, M.2 for NVMe(PCIe4.0) SSD
- Expansion: 2\*PCIe4X,1\*PCIe16X or 2\*PCIe8X
- Power: ATX\_24PIN+2\*8PIN

# MKLDE-70

## mATX

Intel 6th/7th/8th/9th Gen(LGA1151) Processor based Micro ATX Motherboard with H110



## Features

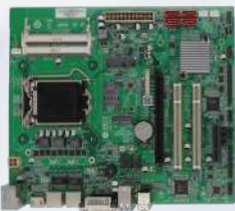
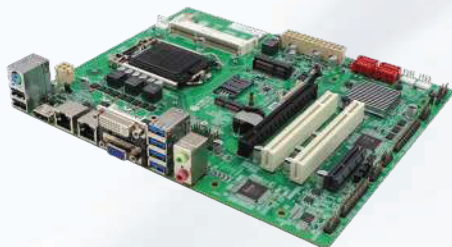
- CPU: Intel 6th/7th/8th/9th Gen(LGA1151) Processor
- Memory: 2x SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM, 4xUSB3.2 8xUSB2.0(4\*header), GPIO, LPT, LPC, Audio
- Display via: 1xHDMI, 1xDVI-D, 1xVGA, 1xVGA(Onboard Pin)
- Ethernet: 10/100/1000Mbps
- Storage: 3xSATA, 1x mSATA
- Expansion: 1xM.2 for WiFi, 2\*PCI,1\*PCIe16X 1\*PCIe4X(PCIe1X Signal)
- Power: ATX\_24PIN+4PIN

DTH110-M	DT MATX Intel H110 MKLDE70V10 2DDR4 2LAN 6COM 2VGA+HDMI+DVI PCIe16+PCIEx1+2PCI
DTH110-M	DT MATX Intel H110 MKLDE70V10 2DDR4 2LAN 6COM 1VGA+HDMI+DVI PCIe16+PCIEx1+2PCI

# MHWDE-70 V2.0

## mATX

Intel Haswell (LGA1150) Processor based Micro ATX Motherboard with B85



## Features

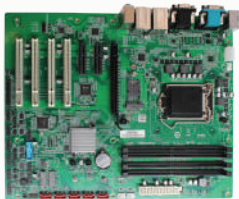
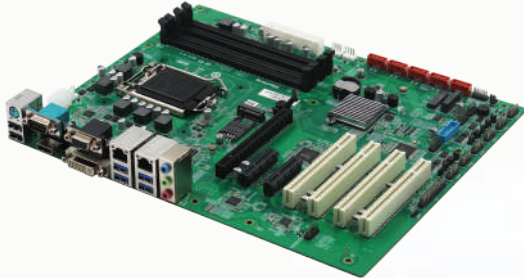
- CPU: Intel Haswell (LGA1150) Processor
- Memory: 2x SO-DIMM DDR3 up to 16GB
- I/O Interface: 2xLAN, 6xCOM, 4xUSB3.2 6xUSB2.0(4\*header), GPIO, PS/2, LPT, LPC, Audio
- Display via: 1xHDMI, 1xDVI-D, 1xVGA, 1xVGA(Onboard Pin)
- Ethernet: 10/100/1000Mbps
- Storage: 1xSATA2.0, 3xSATA3.0, 1x mSATA
- Expansion: 1xM.2 for WiFi, 2\*PCI,1\*PCIe16X, 1\*PCIe4X
- Power: ATX\_24PIN+4PIN

DT-B85M	DT MATX Intel B85 MHWDE70V20 2LAN 6COM 2VGA+1DVI+1HDMI PCIe16+PCIEx4+2PCI
DT-B85M	DT MATX Intel B85 MHWDE70V20 2LAN 6COM 1VGA+1DVI+1HDMI PCIe16+PCIEx4+2PCI

# MSKDE-75V1.0

## ATX

Intel 6th, 7th, 8th,9th Gen(FCLGA1151) based ATX Motherboard with Q170 Chipset



DTQ170-ATX

DT Intel Q170 MSKDE75 ATX 2LAN 6COM 1xPCIE16X+2xPCIE4X+4xPCI

## Features

- CPU: Intel 6th,7th,8th,9th Gen(LGA1151) Processor
- Memory: 4x UDIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM, 6xUSB3.2(2\*header), 6xUSB2.0(4\*header), PS/2, GPIO, LPT, LPC, Audio,
- Display via: 1xHDMI, 1xVGA,1xDVI-D
- Ethernet: 10/100/1000Mbps
- Storage: 5xSATA Support RAID 0,1,5,10, M.2 for SATA
- Expansion: M.2 for WiFi, M.2 for 4G/5G, 2\*PCle4X(2X Signal), 1\*PCle16X, 4\*PCI
- Power: ATX\_24Pin+8Pin

# MSKDE-75V2.0

## ATX

Intel 6th, 7th, 8th,9th Gen(FCLGA1151) based ATX Motherboard with H110 Chipset



DTH110-ATX

DT Intel H110 MSKDE75 ATX 2DDR4 UDIMM 2LAN(2\*i210) 6COM 1xPCIE16X+1xPCIE2X+1xPCIE1X+4xPCI

DTH110-ATX

DT Intel H110 MSKDE75 ATX 2DDR4 UDIMM 2LAN(2\*RTL8111H) 6COM 1xPCIE16X+1xPCIE2X+1xPCIE1X+4xPCI

## Features

- CPU: Intel 6th,7th,8th,9th Gen(LGA1151) Processor
- Memory: 2x UDIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM, 4xUSB3.2, 6xUSB2.0(4\*header), 1xUSB2.0 Dongle, PS/2, GPIO, LPT, LPC, Audio
- Display via: 1xHDMI, 1xVGA,1xDVI-D
- Ethernet: 10/100/1000Mbps
- Storage: 3xSATA, mSATA
- Expansion: 1\*PCle1X,1\*PCle2X,1\*PCle16X, 4\*PCI
- Power: ATX\_24Pin+8Pin

# MCMDE-70

## mATX

Intel Comet Lake(FCLGA1200) based Micro ATX Motherboard with H470 Chipset



## Features

- CPU: Intel Comet Lake(LGA1200) Processor
- Memory: 2x SO-DIMM DDR4 up to 64GB
- I/O Interface: 2xLAN, 6xCOM, 8xUSB3.2, 4xUSB2.0(4\*header), GPIO, LPT, LPC, Audio
- Display via: 1xHDMI, 2xVGA(1\*On-board Pin),1xDVI-D
- Ethernet: 10/100/1000Mbps
- Storage: 3xSATA3.0, M.2 for SATA
- Expansion: M.2 for WiFi, 2\*PCIe4X,1\*PCIe16X, 1\*PCI
- Power: ATX\_24Pin+4Pin

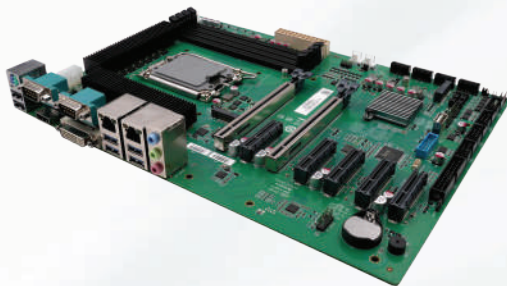


DTH470-M DT MATX Intel H470 MCMDE70V10 2DDR4 2LAN(i219+i210) 6COM 1VGA+HDMI+DVI-D 1PCIEX16+2PCIEX4+1PCI

# MARDE-75

## ATX

Intel Arrow Lake (LGA1851) Processor based ATX Motherboard



## Features

- CPU: Intel Core Ultra (LGA1851) Processor  
Support Intel AI Boost NPU
- Memory: 4x UDIMM DDR5 up to 192GB
- I/O Interface: 2xLAN, 6xCOM, 6xUSB3.2, 6xUSB2.0, 1xUSB Dongle, GPIO, LPT, PS/2, Audio
- Display via: 1xHDMI, 1xDVI-I
- Ethernet: 10/100/1000Mbps
- Storage: 4xSATA3.0, M.2 for NVMe/SATA
- Expansion: 1xM.2 for WiFi, PCIe1X, 4\*PCIe4X, 2\*PCIe8X
- Power: ATX\_24PIN+2\*8PIN



DTQ870-ATX

DT Intel Q870 MARDE75 ATX 2LAN 6COM DDI+DVI-I 2xPCIe8X+1xPCIe1X+4xPCIe4X