

MICRO ATX Industrial Motherboard



KTB-507G2

Adopt Intel Q470 Chipset
Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3&Pentium&Celeron Processor
MICRO ATX Industrial Motherboard

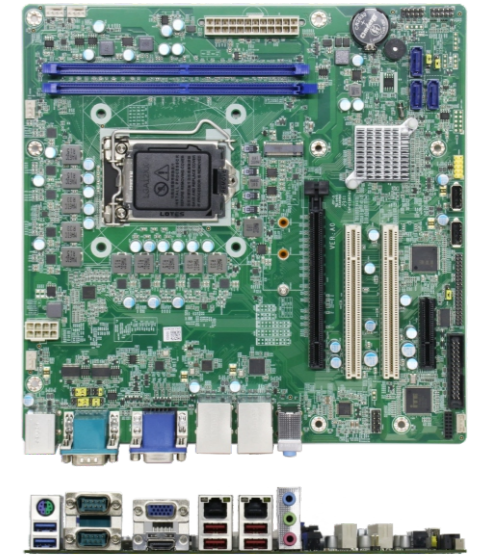
The product is based on the Intel H420E chipset, which meets the standard ATX motherboard specifications, supports 10/11th LGA1200 Intel Core i9/i7/i5/i3 & Pentium&Celeron processors, 2 DDR4 DIMM memory slots, and supports up to 64GB on the whole board. It provides rich IO interfaces, supports VGA+HDMI high-performance display output, supports 2 LAN, 6 COM, 3 SATAII, 1 M.2 interface, 6 USB3.2, 4 USB2.0 interfaces, and supports Line-out. Line-in. Mic-in audio interface, supports LPT interface. The board also has good expansion performance, supporting PCIe 16X, PCIe 4X, PCI multi-bus expansion. At the same time, it has a Watchdog reset function, which supports 1~255 seconds system rush restart.

The products have the characteristics of high performance, anti-interference and strong electromagnetic compatibility, and can be widely used in industrial control, visual control systems, industrial automation, iron and steel metallurgy, petrochemical industry, mechanical and electrical complete sets of equipment, medicine, food, industrial furnaces and kilns, as well as military and scientific research equipment.

Micro ATX Industrial Motherboard based on Intel H420E Chipset

Features:

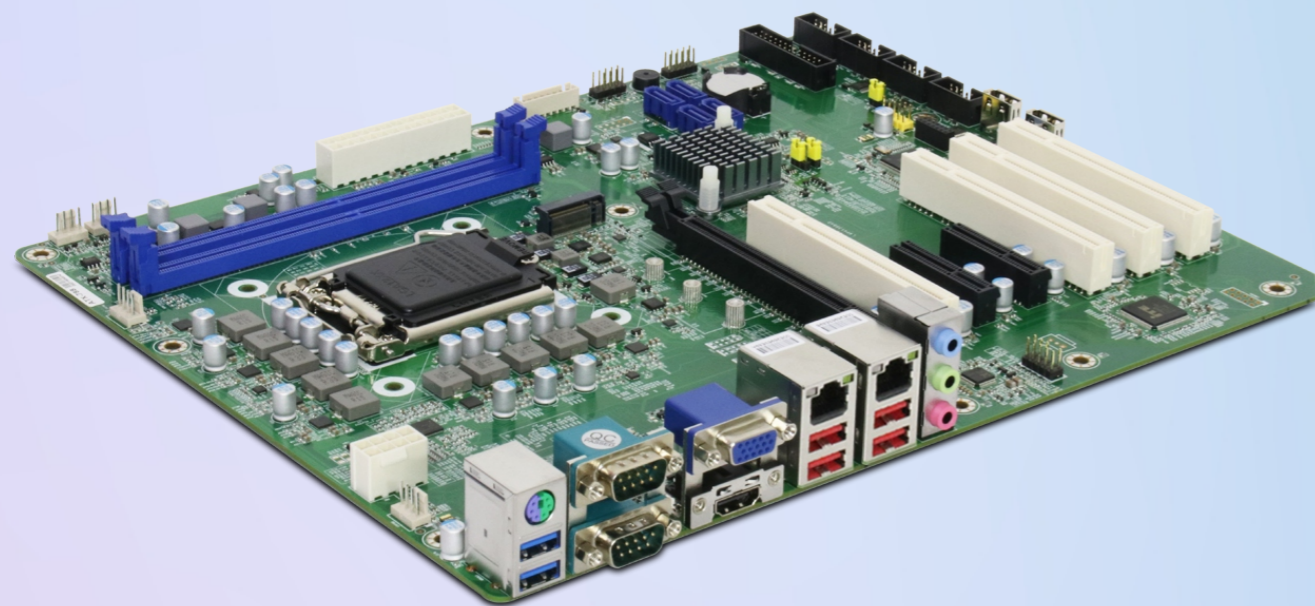
- Based on Intel H420E chipset, supports 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium&Celeron processors
- 2x DIMM memory slots, supports dual-channel DDR4 2400/2666/2933, the whole board supports up to 64GB
- Provide VGA+ HDMI display interface, supports 3x SATAIII, 1x M.2
- Support 2x LAN, 6x COM, 6x USB3.2, 4x USB2.0
- Support 1xLPT, 1x PS/2, 8x GPIO, supports Line-out, Line-in, Mic- in
- Support 1x PCIe 16X 4.0, 1x PCIe 4X 3.0, 2x PCI expansion slots
- Motherboard Size: 245mmx 245mm



Specifications:

Model	KTB-507G2
Processor	Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium&Celeron processor
Chipset	Intel H420E
Memory	2x DIMM memory slots supporting dual channel DDR4 2400/2666/2933MHz Single strip up to 32GB, full board supports up to 64GB
Storage	3x SATAIII 1x M.2 (supports 2242/2260/2280 Key-M SSD sockets, supports NVme protocol)
BIOS	64Mb SPI FLASH
Display	Provide VGA+ HDMI display interface VGA: 1 standard DB15 VGA interface, supports resolution up to 1920x 1200 @ 60Hz HDMI: 1 standard HDMI port, supports resolution of up to 4096x2160 @60Hz
Network	Onboard 2 Intel 10/100/1000Mb adaptive network cards, using Intel 219V+ Intel 210 network card chip
Serial port	Provide 6x COM Among them, COM1 supports RS232/485/422, COM2 supports RS232/485, and COM3-6 support RS232
USB	6x USB3.2 (I/O interface), 4x USB2.0 (2 in-board pins, 2 vertical USB2.0 in-board connectors)
AUDIO	Realtek ALC662 optional; supports line-out, line-in, MIC-in
Other I/O	1x LPT, 1x PS/2 1x TPM2.0
GPIO	Provide a 2x 5-pin 2.54mm GPIO pin interface, supporting 4 inputs and 4 outputs
Expansion Slot	1x PCIe 16X 4.0 slot 1x PCIe 4X 3.0 slot 2x PCI slots
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Power Requirement	Standard ATX 24pin+ 8pin power supply
Operating environment	Operating temperature: 0°C~60°C Non-Operating temperature: -20~ 85°C Operating humidity: 5% to~95%, no condensation
OS	Support Win10, Win11, Linux
Dimensions	245mmx 245mm

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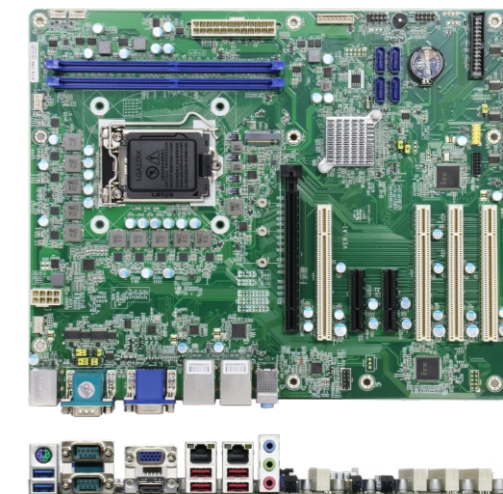
The product is based on the Intel H420E chipset, which meets the standard ATX motherboard specifications, supports 10/11th LGA1200 Intel Core i9/i7/i5/i3 & Pentium/Celeron processors, 2 DDR4 DIMM memory slots, and supports up to 64GB on the whole board. It provides rich IO interfaces, supports VGA+HDMI high-performance display output, with 2 LAN, 6 COM, 4 SATAII, 1 M.2 interface, 6 USB3.2, 4 USB2.0 interfaces, and supports Line-out, Line-in, Mic-in audio interface, support LPT interface. The board also has good expansion performance, supporting PCIe 16X, PCIe 4X, PCI multi-bus expansion. At the same time, it has a Watchdog reset function, which supports 1~255 seconds system rush restart.

The products have the characteristics of high performance, anti-interference and strong electromagnetic compatibility, and can be widely used in industrial control, visual control systems, industrial automation, iron and steel metallurgy, petrochemical industry, mechanical and electrical complete sets of equipment, medicine, food, industrial furnaces and kilns, as well as military and scientific research equipment.

ATX Industrial Motherboard based on Intel H420E Chipset

Features:

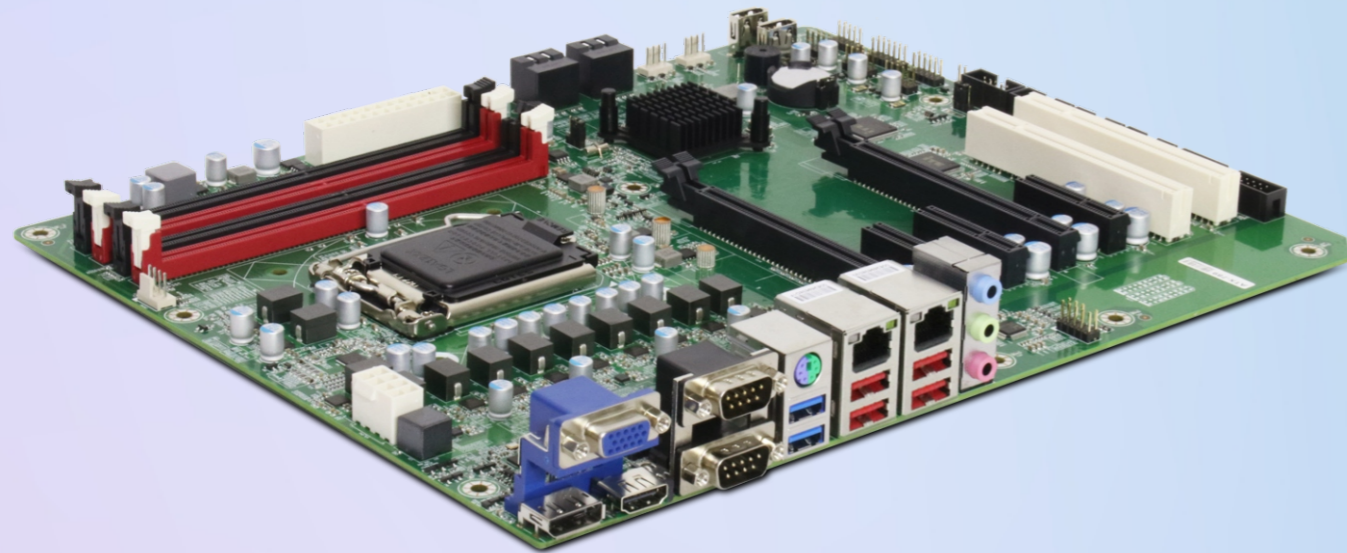
- Based on Intel H420E chipset, support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium/Celeron processors
- 2x DIMM memory slots, support dual-channel DDR4 2400/2666/2933, the whole board supports up to 64GB
- Provide VGA+ HDMI display interface, supports 4x SATAIII, 1x M.2
- Support 2x LAN, 6x COM, 6x USB3.2, 4x USB2.0
- Support 1xLPT, 1x PS/2, 8x GPIO, supports Line-out, Line-in, Mic-in
- Support 1x PCIe16X 4.0, 2x PCIe 1X 3.0, 4x PCI expansion slots
- Motherboard Size: 305mmx 245mm



Specifications:

Model	KTB-707G2
Processor	Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium/Celeron processor
Chipset	Intel H420E
Memory	2x DIMM memory slots supporting dual channel DDR4 2400/2666/2933MHz Single strip up to 32GB, full board supports up to 64GB
Storage	4x SATAIII 1x M.2 (support 2242/2260/2280 Key-M SSD sockets, support NVme protocol)
BIOS	64Mb SPI FLASH
Display	Provide VGA+ HDMI display interface VGA: 1 standard DB15 VGA interface, support resolution up to 1920x 1200 @ 60Hz HDMI: 1 standard HDMI port, support a resolution of up to 4096x2160 @60Hz
Network	Onboard 2 Intel 10/100/1000Mb adaptive network cards, using Intel 219V+ Intel 210 network card chip
Serial port	Provide 6x COM Among them, COM1 supports RS232/485/422, COM2 supports RS232/485, and COM3-6 supports RS232
USB	6x USB3.2 (I/O interface), 4x USB2.0 (2 in-board pins, 2 vertical USB2.0 in-board connectors)
AUDIO	Realtek ALC662 optional; support line-out, line-in, MIC-in
Other I/O	1x LPT, 1x PS/2 1x TPM2.0
GPIO	Provide a 2x 5-pin 2.54mm GPIO pin interface, supporting 4 inputs and 4 outputs
Expansion Slot	1x PCI-E 16X 4.0 slot 2x PCI-E 1X 3.0 slot 4x PCI slot
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Power Requirement	Standard ATX 24pin+ 8pin power supply
Operating environment	Operating temperature: 0°C~60°C Non-Operating temperature: -20~ 85°C Operating humidity: 5% ~ 95%, no condensation
OS	Support Win10, Win11, Linux
Dimensions	305mmx 245mm

ATX Industrial Motherboard



KTB-787G2

Adopt Intel Q470 Chipset
Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium & Celeron Processor
ATX Industrial Motherboard

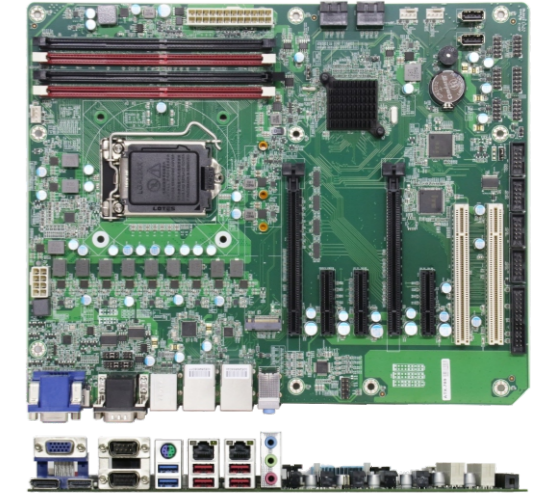
The product is based on the Intel Q470 chipset, which meets the standard ATX motherboard specifications, supports 10/11th LGA1200 Intel Core i9/i7/i5/i3 & Pentium/Celeron processors, 4 DDR4 DIMM memory slots, and supports up to 128GB on the whole board. It provides rich IO interfaces, supports VGA+HDMI+DP high-performance display output, with 2 LAN, 6 COM, 4 SATAIII, 1 M.2 interface, 6 USB3.2, 8 USB2.0 interfaces, Supports the PS/2 interface, and supports Line-out. Line-in. Mic-in audio interface, supports LPT interface, RAID 0/1/5/10. The board also has good expansion performance, supporting PCIe 16X, PCIe 4X, PCI multi-bus expansion, supports one-click restore of hardware system.. At the same time, it has a Watchdog reset function, which supports 1-255 seconds system rush restart.

The products have the characteristics of high performance, anti-interference and strong electromagnetic compatibility, and can be widely used in industrial control, visual control systems, industrial automation, iron and steel metallurgy, petrochemical industry, mechanical and electrical complete sets of equipment, medicine, food, industrial furnaces and kilns, as well as military and scientific research equipment.

ATX Industrial Motherboard based on Intel Q470 Chipset

Features:

- Based on Intel Q470 chipset, supports 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium & Celeron processors
- 4x DIMM memory slots, supports dual-channel DDR4 2400/2666/2933, the whole board supports up to 128GB
- Provide VGA+ HDMI+DP display interface,
- Support 4x SATAIII, 1x M.2 Supports 2x LAN, 6x COM, 6x USB3.2, 8x USB2.0
- Support 1x PS/2, 1x LPT, 8x GPIO, supports Line-out, Line-in, Mic-in
- Support 2x PCIe 16X 4.0, 3x PCIe 4X 3.0, 2x PCI expansion slots
- Motherboard Size: 305mmx 245mm



Specifications:

Model	KTB-787G2
Processor	Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium & Celeron processor
Chipset	Intel Q470
Memory	4x DIMM memory slots supporting dual channel DDR4 2400/2666/2933MHz Single strip up to 32GB, full board supports up to 128GB
Storage	4x SATAIII, Supports RAID 0/1/5/10 1x M.2 (Supports 2260/2280/22110 Key-M SSD socket, SATA bus or Nvme X4)
BIOS	64Mb SPI FLASH
Display	Provide VGA+ HDMI +DP display interface VGA: 1 standard DB15 VGA interface, supports resolution up to 1920x 1200 @ 60Hz HDMI: 1 standard HDMI port, supports resolution of up to 4096x2160 @60Hz DP: 1 standard DP port, supports resolution of up to 4096x2304 @60Hz
Network	Onboard 2 Intel 10/100/1000Mb adaptive network cards, using Intel 219V+ Intel 210 network card chip
Serial port	Provide 6x COM Among them, COM1 supports RS232/485/422, COM2 supports RS232/485, and COM3-6 support RS232
USB	6x USB3.2 (I/O interface), 8x USB2.0 (6 in-board pins, 2 vertical USB2.0 in-board connectors)
AUDIO	Realtek ALC892/662 optional; support line-out, line-in, MIC-in
Other I/O	1x LPT, 1x PS/2
GPIO	Provide a 2x 5-pin 2.54mm GPIO pin interface, supporting 4 inputs and 4 outputs
Expansion Slot	2x PCI-E 16X 4.0 slot (When a remote 16X slot is inserted, the two 16X slots are automatically configured with 8X signals. When there is no card in the 16X slot of the remote end, the 16X signal is generated at the local end) 3x PCI-E 4X 3.0 slot (4x PCI-E 4X 3.0 optional) 2x PCI slots (1x PCI optional)
System one key restore	Support one-click restore of hardware system
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Power Requirement	Standard ATX 24pin+ 8pin power supply
Operating environment	Operating temperature: 0°C~60°C Non-Operating temperature: -20~ 85°C Operating humidity: 5% to 95%, no condensation
OS	Support Win10, Win11, Linux
Dimensions	305mmx 245mm