

MICRO ATX Industrial Motherboard



KTB-507G2

Adopt Intel Q470 Chipset
Support 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium & Celeron Processor
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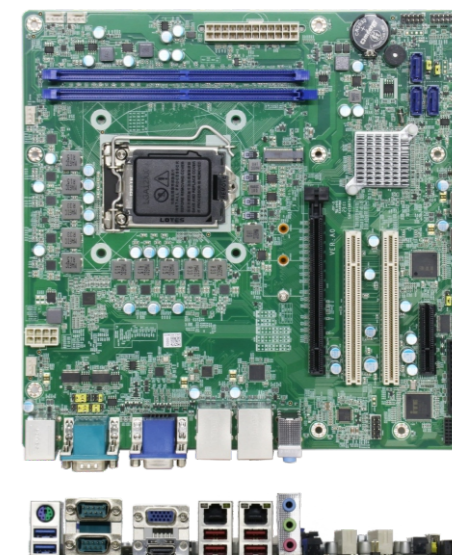
The product is based on the Intel H420E chipset, which meets the standard ATX motherboard specifications, supports 10/11th Gen LGA1200 Intel Core i9/i7/i5/i3 & Pentium & Celeron processors, 2 DDR4 DIMM memory slots, and supports up to 64GB on the whole board. It provides rich IO interfaces, supports 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