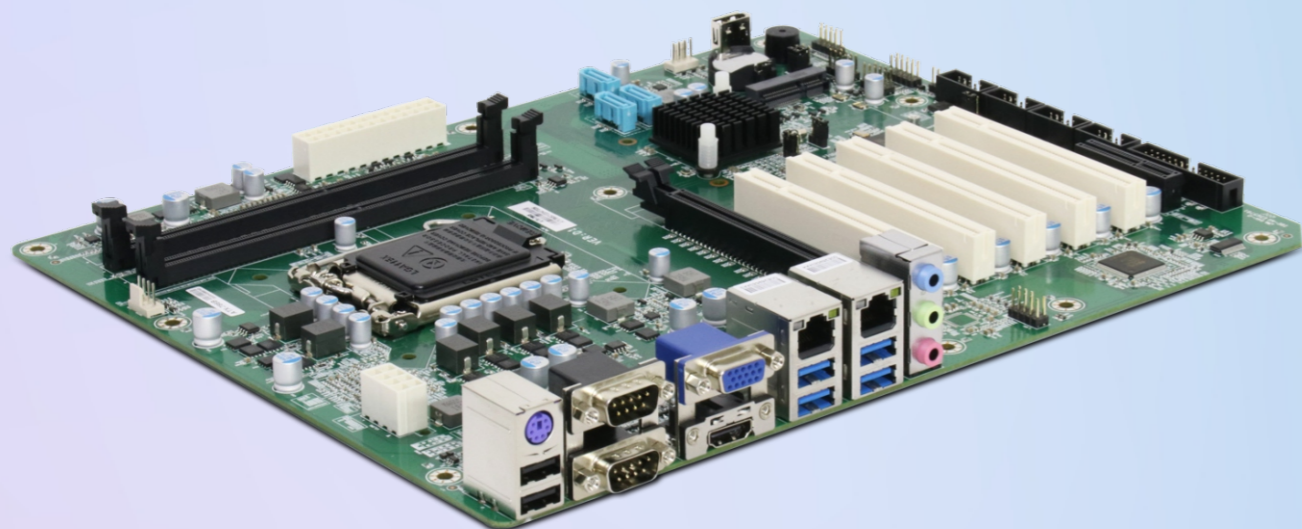


# ATX Industrial Motherboard



## KTB-706G2

Adopt Intel H110 Chipset  
Support 6~9th Gen LGA 1151 Intel Core i3/i5/i7 Processor  
ATX Industrial Motherboard

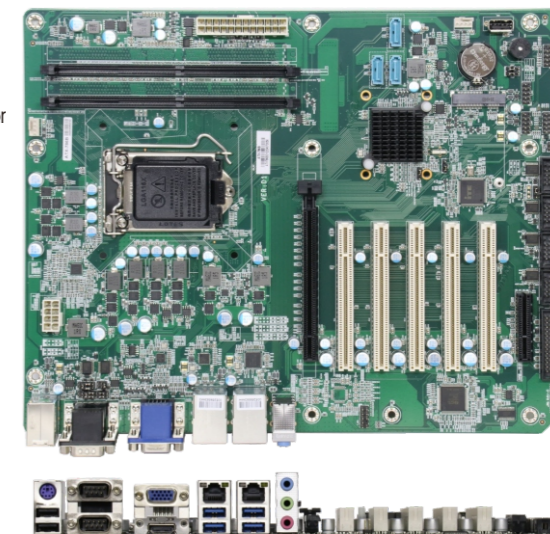
The product is based on the Intel H110 chipset, which meets the standard ATX motherboard specifications, supports 6~9th LGA1151 Intel Core i9/i7/i5/i3, 2 DDR4 DIMM memory slots, and supports up to 64GB on the whole board. It provides rich IO interfaces, supports VGA+HDMI high-performance display output, with 2 LAN, 6 COM, 3 SATAIII, 1 mSATA interface, 4 USB3.0, 6 USB2.0 interfaces, and supports Line-out, Line-in, Mic-in audio interface, supports PS/2 and 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 product 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 H110 Chipset

### Features:

- Based on Intel H110 chipset, supports 6~9th Gen LGA1151 Intel Core i7/i5/i3 Processor
- 2x DIMM memory slots supporting dual channel DDR4, Single strip up to 32GB, full board supports up to 64GB
- Support VGA+ HDMI display interface
- Support 6x COM, 3xSATAIII, 1x mSATA, 4x USB3.0, 6x USB2.0, 2x LAN, 1x LPT, 1x PS/2
- Supports MIC-in, Line-out, Line-in
- Support 1x PCIe 16X, 1x PCIe 4X, 5x PCI expansion slots
- Support one-click restore of hardware system
- Motherboard Size: 305mmx 245mm



### Specifications:

Model	KTB-706G2
Processor	Support 6~9th Gen LGA1151 Intel® Core™ i7/i5/i3 Processor
Chipset	Intel H110
Memory	2x DIMM memory slots supporting DDR4 2133/2400/2666MHz, Single strip up to 32GB, full board supports up to 64GB
Storage	3x SATAIII, 1x mSATA
BIOS	64Mb SPI FLASH
Display	Provide VGA+ HDMI display interface VGA: 1 standard DB15 VGA interface, supports resolution up to 1920x 1080 @ 60Hz HDMI: 1 standard HDMI interface, supports resolution up to 4096x2304 @24Hz
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	4x USB3.0, 6x USB2.0 (1 vertical USB2.0 in-board connectors)
AUDIO	Realtek ALC662 chip; supports 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
System one key restore	Support one-click restore of hardware system.
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Expansion Slot	1 PCIe 16X slot 1 PCIe 4X slot 5 PCI slots
Power Requirement	Standard ATX 24pin power supply
Operating environment	Operating Temperature: 0 ~ 60 °C Operating humidity: 5%~95%, no condensation Non-Operating Temperature: -20 ~85°C
OS	Support Win7/8/10, Linux
Dimensions	305mm x 245mm