

# MICRO ATX Industrial Motherboard



## KTB-581G2

Adopt Intel B75 Chipset  
Support 2/3th Gen LGA1155 Intel Core i7/i5/i3 processor  
MICRO ATX Industrial Motherboard

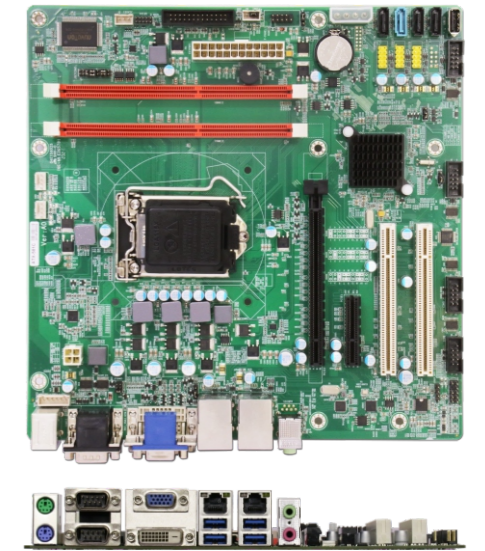
The product is based on the Intel B75 chipset and supports 2/3th Gen Sandy/Ivy Bridge LGA1155 Intel® Core™ i3/i5/i7 processor. 2 DDR III DIMM memory slots, and supports up to 16GB on the whole board. It provides 4 USB 3.0, 7/8 USB 2.0, 1 SATAIII, 3 SATAII, 6 COM interfaces, 1 LPT, 2 LAN, and supports VGA+DVI dual display.

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 B75 Chipset

### Features:

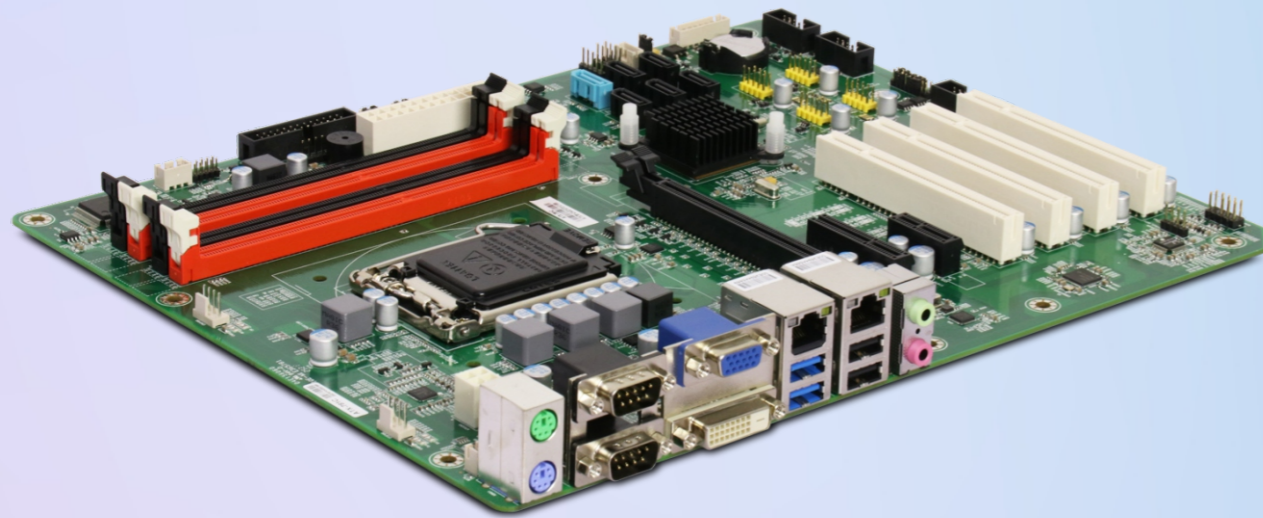
- Based on intel B75 chipset, supports 2/3th Gen LGA1155 Intel Core i7/i5/i3 processor
- 2 DIMM memory slots, support dual-channel DDR3 1600/1333, the whole board supports up to 16GB
- Provide VGA+ DVI display interface
- Provide 6x COM, 1x STATIII, 3x SATA II, 4x USB3.0, 7~8x USB2.0, 2x LAN, 1x LPT, 1x PS/2, support MIC-in, Line-out, Line-in (optional)
- Support 1 x PCIe 16X, 1 x PCIe 4X, 2 x PCI expansion slots
- Motherboard Size: 245mmx 245mm



### Specifications:

Model	KTB-581G2
Processor	Support 2/3th Gen LGA1155 Intel Core i7/i5/i3 processor
Chipset	Intel B75
Memory	2x DIMM memory slots supporting dual channel DDR3 1333/1600MHz the whole board supports up to 16GB
Storage	1x STATIII 3x SATA II
BIOS	64Mb SPI FLASH
Display	Provide VGA+ DVI display interface VGA: 1 standard DB15 VGA interface, support resolution up to 1920x 1200 @ 60Hz
Network	2 x LAN (10/100/1000Mbps)
Serial port	Provide 6x COM Among them, COM1 supports RS232, COM2 supports RS232/485/422, and COM3-6 support RS232
USB	4x USB3.0, 7 x USB2.0 or 8x USB2.0 (optional)
AUDIO	Realtek ALC662 chip; support line-out, line-in, MIC-in (optional)
Other I/O	1x LPT 1x PS/2
GPIO	Provide a 2x 5 Pin 2.0mm GPIO pin interface, supporting 4 inputs and 4 outputs
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Expansion Slot	1 x PCIe 16X slot 1 x PCIe 4X slot 2 x 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 WinXP, Win7/8/10, Linux
Dimensions	245mm x 245mm

# ATX Industrial Motherboard



## KTB-781G2

Adopt Intel B75 Chipset  
Support 2/3th Gen LGA1155 Intel® Core™ i7/i5/i3 Processor  
ATX Industrial Motherboard

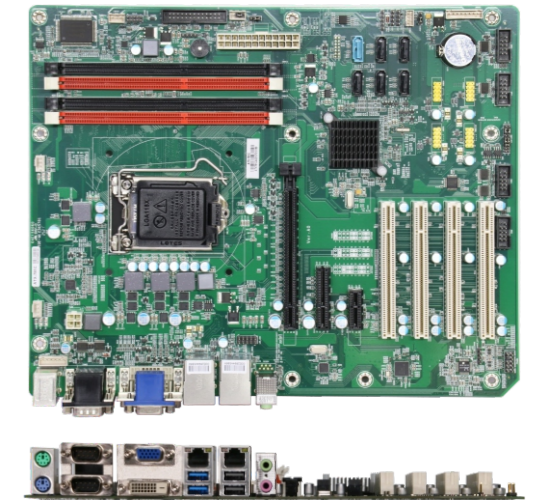
The product is based on the Intel B75 chipset, supports 2/3th Gen LGA1155 Intel® Core™ i7/i5/i3 Processor, 4 DDR3 DIMM memory slots, and supports up to 32GB on the whole board. It provides rich IO interfaces, supports VGA+DVI high-performance display output, with 2 LAN, 6 COM, 1 SATAIII, 5 SATAII, 1 LPT interface, 2 USB3.0, 10 USB2.0 interfaces.

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 B75 Chipset

### Features:

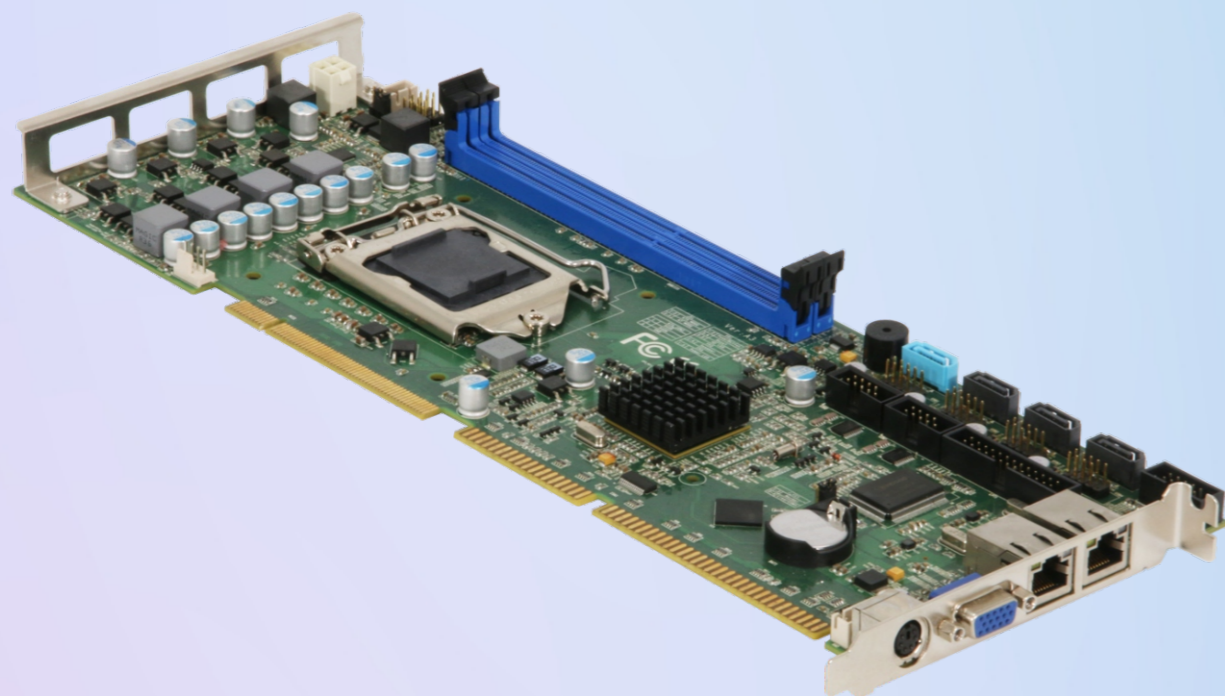
- Based on Intel B75 chipset, support 2/3th Gen LGA1155 Intel Sandy/IvyBridge Core i7/i5/i3 Processor
- 4x DIMM memory slots supporting dual channel DDR3 1066/1333/1600MHz, full board supports up to 32GB
- Support VGA+ DVI display interface
- Support 6x COM, 1xSTATIII, 5x SATA II, 2x USB3.0, 10x USB2.0,
- 2x LAN, 1x LPT, 1x PS/2, Supports MIC-in, Line-out, Line-in (optional)
- Support 1x PCIe 16X, 1x PCIe 4X, 1x PCIe 1X, 4x PCI expansion slots
- Motherboard Size: 305mmx 245mm



### Specifications:

Model	KTB-781G2
Processor	Support 2/3th Gen LGA1155 Intel® Sandy/IvyBridge Core™ i7/i5/i3 Processor
Chipset	Intel B75
Memory	4x DIMM memory slots supporting dual channel DDR3 1066/1333/1600MHz full board supports up to 32GB
Storage	1x STATIII , 5x SATA II
BIOS	64Mb SPI FLASH
Display	Provide VGA+ DVI display interface VGA: 1 standard DB15 VGA interface, support resolution up to 1920x 1200 @ 60Hz"
Network	2x LAN (10/100/1000Mbps)
Serial port	Provide 6x COM Among them, COM1-2 support RS232, COM3 supports RS232/485/422, and COM4-6 support RS232
USB	2x USB3.0 , 10x USB2.0
AUDIO	Realtek ALC662 chip; supports line-out, line-in, MIC-in (optional)
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
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Expansion Slot	1 PCIe 16X slot 1 PCIe 4X slot 1 PCIe 1x slot 4 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 WinXP , Win7/8/10 , Linux
Dimensions	245mm x 305mm

# Full-length Industrial CPU Card



## KTB-B75

Adopt Intel B75 Chipset  
Support 2/3th Gen LGA1155 Intel Core i7/i5/i3 processor  
Full-length Industrial CPU Card

The product is a full-length CPU card conforming to the PICMG1.0 specification. The product is based on the Intel B75, supports the LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors. Two 240Pin DIMM slots support DDR III 1066/1333/1600 MHz with a maximum value of 16GB, Provide 8 USB2.0, 1 SATAIII, 3 SATA II, 2 COM, 1 LPT, 2 LAN, Dual channel HD audio.

The board also has the characteristics of fast, anti-interference and strong electromagnetic compatibility, can be widely used in iron and steel metallurgy, petrochemical, electromechanical complete sets of equipment, medicine and food, CNC machine tools, industrial furnaces and other industrial fields as well as military and scientific research equipment.

# Full-length Industrial CPU Card based on Intel B75 Chipset

### Features:

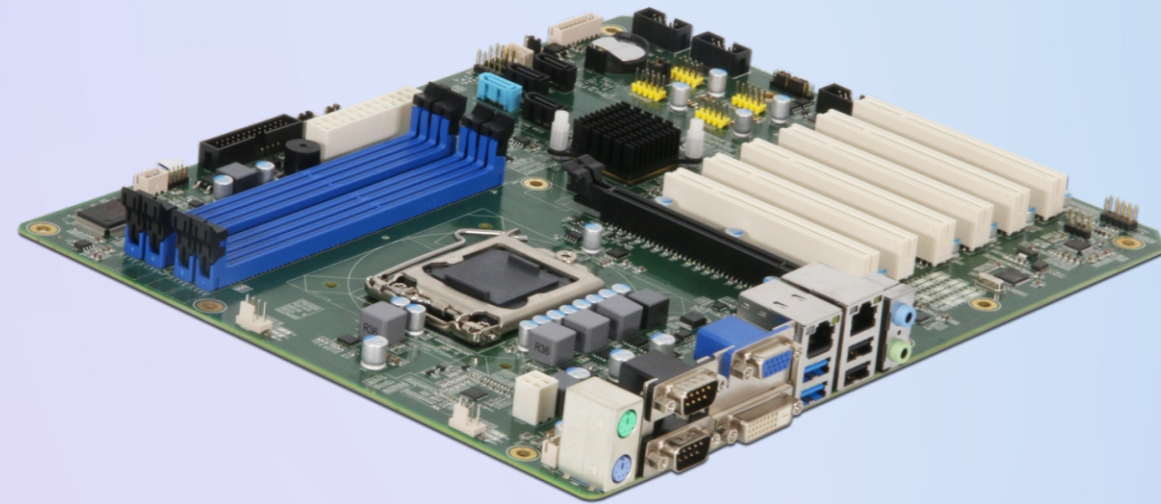
- The Intel B75 chipset supports the LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors
- 2x DDR3 DIMM memory slots, the whole board supports up to 16GB
- Provide VGA display interface
- Provide 2x COM, 1x STATIII, 3x SATAII, 8x USB2.0, 2x LAN
- 1x LPT, 1x PS/2, Supports MIC-in, Line-out
- Motherboard Size: 338mmx 122mm



### Specifications:

Model	KTB-B75
Processor	Support LGA1155 Intel Sandy/Ivy Bridge i7/i5/i3 processor
Chipset	Southbridge Intel B75
Memory	2x DDR3 DIMM memory slots the whole board supports up to 16GB
Storage	1x STATIII 3x SATA II
BIOS	64Mb SPI FLASH
Display	Provide a VGA display interface VGA: 1 standard DB15 VGA interface, support resolution up to 1920x 1080 @ 60Hz
Network	2x LAN, 10/100/1000Mbps, Realtek RTL8111E
Serial port	2 COM(RS232)
USB	8 USB2.0 ports
AUDIO	Realtek ALC662 ; supports MIC-in, Line-out
Other I/O	1x PS/2 1x LPT
GPIO	Provide a 2x 5-pin 2.0mm GPIO pin interface, supporting 4 inputs and 4 outputs
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Expansion Slot	----
Power Requirement	Standard ATX 4pin power supply
Operating environment	Operating temperature: 0°C~60°C Non-Operating temperature: -20~ 85°C Operating humidity: 5% to 95%, no condensation
OS	WinXP, Win7/8/10, Linux
Dimensions	338mmx 122mm

# ATX Industrial Motherboard



## KTB-B75-6P

Adopt Intel B75 Chipset  
Support 2/3th Gen LGA1150 Intel Core i7/  
i5/i3 Processor  
ATX Industrial Motherboard

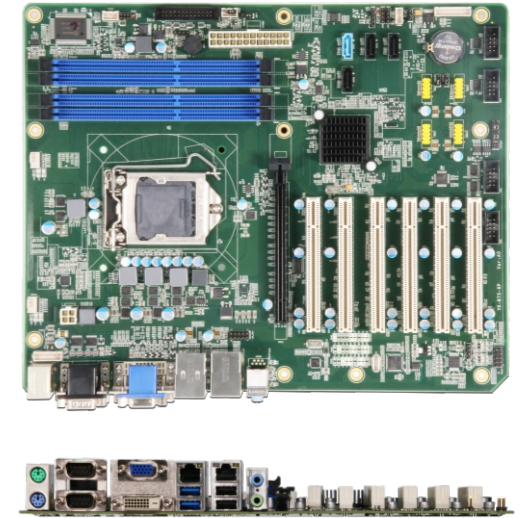
The product is based on the Intel B75 chip set, and supports the LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processor. The four 240-pin DIMM slots support the DDR III 1066/1333/1600 MHZ memory, and support a maximum of 32GB. Provides 2 USB3.0 ports, 10 USB2.0 ports, 1 SATAIII, 3 SATA II ports, 6 COM ports, 1 LPT, 2 Intel® Gigabit Ethernet, and 6 native PCI slots. It also supports VGA+DVI synchronous and asynchronous display.

At the same time, the board also has the characteristics of fast, anti-interference and strong electromagnetic compatibility, and can be widely used in iron and steel metallurgy, petrochemical, electromechanical complete sets of equipment, medicine and food, CNC machine tools, industrial furnaces and other industrial fields as well as military and scientific research equipment.

# Industrial ATX large motherboard based on Intel B75 chipset

### Features:

- Intel B75 chipset, supports LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors
- Four DDR3 DIMM slots, supporting up to 32GB
- Provides VGA+DVI display port
- Offer 6x COM, 1x STATIII, 3x SATA II, 2x USB3.0, 10x USB2.0, 2x LAN, 1x LPT, 1x PS/2, support MIC-in, Line-out, Line-in (optional)
- Expansion port: 1 PCI-E 16X slot, 6 PCI slots
- Motherboard dimensions: 245mm x 305mm



### Specifications:

Model	KTB-B75-6P
Processor	Support LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 Processor
Chipset	Intel B75
Memory	4×DDR3 DIMM memory slots, the maximum support is 32GB
Storage	1×STATIII , 3×SATAII
BIOS	64MbSPIFLASH
Display	1×VGA、 1×DVI display interface VGA : 1 standard DB15 VGA interface, support resolution up to 1920x 1080 @ 60Hz
Network	2x LAN , 10/100/1000Mbps , 1↑Intel 82583V , 1↑Intel 82579L
Serial port	6×RS232, Among them, COM3 supports RS232/485/422
USB	2×USB3.0 , 10×USB2.0
AUDIO	Realtek ALC662 chip; support line-out, line-in, MIC-in(optional)
Other I/O	I/O chip : W83627DHG PS/2 , 1x LPT
GPIO	Provide a 2x 5-pin 2.0mm GPIO pin interface, supporting 4 inputs and 4 outputs
Watchdog	Watchdog function, supports 1 to 255 seconds of system restart
Expansion Slot	1 PCIe 16X slot 6 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
Size	245mm x 305mm