

# 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

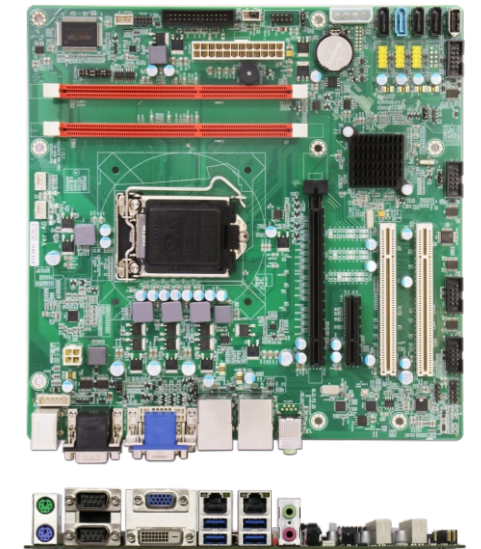
The product is based on the Intel B75 chipset and supports 2/3th Gen Sandy/Ivy Bridge LGA1155 Intel® Core™ i3/i5/i7 processor. 2 DDR III DIMM memory slots, and supports up to 16GB on the whole board. It provides 4 USB 3.0, 7/8 USB 2.0, 1 SATAIII, 3 SATAII, 6 COM interfaces, 1 LPT, 2 LAN, and supports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