



## Features:

- Adopt high-density PCB laminate structure to fully ensure signal shielding and improve system stability
- Interface anti-static design, effectively protect the core components of the system and enhance system reliability
- Snap-on interface design improves interface connection reliability and facilitates system maintenance
- Adopt B75 chipset, with native PCI bus resources to ensure PCI bus compatibility

## Specifications:

### Hardware Specifications

Processor	Support LGA1155 Gen 3 i3/i5/i7 CPU, support Pentium®/Celeron® CPU	RAM	Provide up to 4×240PIN DDR3 1333/1600MHz DIMM memory slots, single 8GB, maximum support 32GB
Chipset	Intel® B75	Watchdog	255 levels, programmable sec/min, support timeout interrupt or system reset
Memory	Provide 4×SATA interface (SATA1 supports SATA3.0 standard), 1 x mSATA slot can be configured as Mini-PCIe	Power Supply	Adopt ATX power supply, support S0, S1, S4, S5

### I/O Ports

Display Interface	Support 1×DVI-D, 1×VGA, support single display, dual display duplication, dual display expansion output; VGA supports maximum resolution 2048×1536@75HZ, 32bit color depth, DVI supports maximum resolution 1920×1200@60HZ	I/O Ports	6×COM, expandable to 10×COM, of which COM1/2 supports RS-232/422/485 mode selection 8×USB2.0 ports, 4×USB3.0 ports are provided on the rear panel 1×PS/2 keyboard port, 1×PS/2 mouse port 1×8-bit GPIO 1×LPT interface
Expansion Bus	Provide 1×PCIe x16, support PCIe 3.0 specification; Provide 1×PCIe x4, support PCIe 2.0 specification; Provide 1×mSATA, can be configured as Mini-PCIe; Provide 4/5×32-bit native PCI, support PCI Rev2.3 standard	Audio	Adopt HDA standard, support rear panel Mic-in, Line-in, Line-out
		LAN	Provide 2×Intel® 10/100/1000Mbps network interface

## Environmental specifications

Operating temp. -10°C~60°C; 5%~95% (non-condensing state) Storage temp. -20°C~80°C, 5%~95% (non-condensing state)

## Mechanical

Dimensions (LxW) 305mm\*244mm

## Ordering Information

ATX-GSB75K ATX industrial motherboard/Intel® B75 platform/support LGA1155 Gen 3 i3/i5/i7/Pentium®/Celeron® CPU/2×DDR3 DIMM, maximum support 16GB memory/VGA+DVI dual display/4×SATA/dual Intel® Gigabit Ethernet port/ 8×USB2.0 /4×USB3.0 /6×COM (COM1/2 supports RS-232/422/485) /1×LPT/PS2 mouse/keyboard/HD Audio/1×8-bit GPIO/4×PCI /1×PCIe x4/1×PCIe x16/1×mSATA, can be configured as Mini-PCIe/standard ATX power supply

## OS & Software Support

Standard OS Ubuntu11.04  
 Red Hat® Enterprise Linux® 32 ,64  
 Windows XP, 7 SP1 , 8 , 8.1 , 10  
 WES 7

## Dimensions:

