

Full-height Industrial Board Based on Intel B75 Chipset, Supporting 2nd/3rd Gen. Intel Core i7/i5/i3 Processors

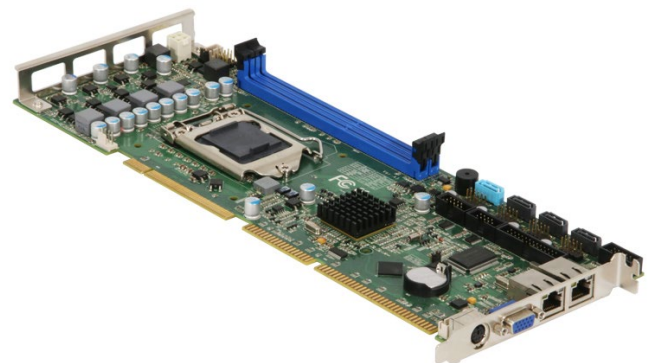
Description:

EMB-IB75YK-3312 is a full-height PICMG1.0 compliant board based on Intel B75 chipset, supporting LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors. It has 2 x 240Pin DIMM slot, which support DDR3 1066/1333/1600MHz up to 16GB. It also provides 8 x USB2.0, 1 x SATA3, 3 x SATA2, 2 x COM, 1 x LPT, 2 x Gigabit Ethernet and dual-channel HD audio.

It features fast processing speed, anti-interference and strong electromagnetic compatibility, can be widely used in ironmaking and steelmaking process, petrochemical industry, electromechanical equipment, medicine, food, numerical control machine tools, industrial furnaces and other industrial applications as well as military and scientific research equipment.

Main Features:

- Intel B75 chipset, supports LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors
- 2 x DDR3 DIMM slot, Max. capacity 16GB
- 1 x VGA
- 2 x COM, 1 x STAT3, 3 x SATA2, 8 x USB2.0, 2 x LAN, 1 x LPT, 1 x PS/2
- Support MIC IN and Line OUT
- Form factor: 338mm x 122mm



Specification:

CPU	Support LGA1155 Intel Sandy/Ivy Bridge Core i7/i5/i3 processors
Chipset	South Bridge Intel B75
Memory	2 x DDR3 DIMM slot, Max. capacity 16GB
Storage	1 x SATA3, 3 x SATA2
BIOS	64Mb SPI Flash
Display	1 x VGA (Standard DB15 VGA, Max. resolution 1920 x 1080@60Hz)
Network	2 x LAN, 10/100/1000Mbps, Realtek RTL8111E
Serial Ports	2 x RS232
USB	8 x USB2.0
Audio	Realtek ALC662, supports MIC IN and Line OUT
Other I/O	PS/2, 1 x LPT
GPIO	1 x 2*5Pin 2.0mm GPIO, supports 4 input lines and 4 output lines
Watchdog	Watchdog reset function, supports 1~255s system reset
Power Supply	Standard ATX 4Pin power input
Operating Temp.	0°C~+60°C
Storage Temp.	-20°C~85°C
Operating Humidity	5%~95%, non-condensing
OS	WinXP, Win7/8/10, Linux
Dimension	338mm x 122mm