

Embedded Industrial Computer



KTB-3200

Embedded Industrial Computer
Based on Intel B75 chipset

The product is embedded industrial computer, compact size, strong expansibility, Based on Intel B75 chipset, Support 2/3th Gen LGA1155 Intel Core i3/i5/i7 processors, Support dual channel SO-DIMM DDR3 memory, Support 3 intel 10/100/1000Mbit network cards, Support 1 USB3.0 and 5 USB2.0, 2 RS232/RS422/RS485, 1 RS232(3 line), 1 RS232(9 line). Supports rich of slot expansion to meet with most of the industrial computer project site needs.

The chassis is made of 1.2mm SGCC environmentally friendly sheet steel. The excellent internal air duct structure effectively enhances the internal heat dissipation effect of the chassis. Its dedicated drive rack is designed to be shock-resistant, which effectively protects the drive, prolongs the service life of the equipment, and maintains a more stable working environment. Its unique dust-resistant filter makes it easy to dismantle, clean, and replace the fan filter.

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Features:

- Adopt main board + bottom board structure, Based on Intel B75 chipset
- Support 2/3th Intel Core i3/i5/i7 processors
- Dual channel SO-DIMM DDR3 memory(Voltage 1.5V)
- Provide VGA+ HDMI display interface, 3x LAN, 2xSATA3.0 Standard interface
- Support 4x COM、1x USB3.0、5x USB2.0
- Support 1x PCI、1x PCIe 16X Expansion



Main board



bottom board

Model	KTB-3200
Chipset	Intel® B75 Chipset, Supports Intel 2/3th Gen Core processors
Processors	Intel® Core™ i3-2100, 3.1GHz 65W Intel® Core™ i5-2400, 3.1GHz 95W Intel® Core™ i7-2600, 3.4GHz 95W Intel® Core™ i3-3220, 3.3GHz 55W Intel® Core™ i5-3470, 3.2GHz 77W Intel® Core™ i5-3550, 3.3GHz 77W Intel® Core™ i7-3770, 3.4GHz 77W
Memory	2x dual channel SO-DIMM DDR3 memory (Voltage 1.5V) The highest frequency is 1333MHz
Graphics processing	1xVGA, Supports resolution up to 1920x 1080 @ 60Hz 1xHDMI, Supports resolution up to 1920x 1080 @ 60Hz
Network cards	Onboard 3 Intel 10/100/1000Mb bit network cards
SATA	2xSATA1.0/2.0/3.0 Standard interface
USB	1xUSB3.0, 5xUSB2.0
Serial port	2x RS232/RS422/RS485 1x RS232(3 line), 1x RS232(9 line)
IO	8xGPIO, 1xPCIe 16X, 1xPCI
Sound card	ALC662 High fidelity sound card(Line-Out, MIC-in)
Power Requirement	*AC250W, ATX Power Requirement, Support power-on (default), trigger power-on (optional)
Operating environment	Operating temperature: 0°C ~45°C
Dimensions	232mm × 232mm × 90mm(WxDxH)
Cooling	2xSystem fan
Operating system	WINXP, Win7, Win8, WES7, WES8, Linux, VxWorks
Weight	4.46kg (bare), 5.15kg(including packaging)
Color	The whole machine is black, silk screen decoration is dark blue

Complete machine photo



Front panel photo



Rear window photo