

# IPC121

## 1U Intel® Core™2 Quad Industrial Barebone System



### Features

- Supports LGA775 package Intel® Core™2 Quad processor
- Intel® Q45+ICH10-DO chipset
- Up to 16GB DDR3 800/1066 MHz SDRAM
- Dual 10/100/1000 Mbps Ethernet ports
- 1 PCI or 1 PCIe slot
- 250W ATX power supply



Supports 2 x 3.5" hot-swappable SATA HDD tray  
Easy-to-maintain tray design



Front view



Rear view

Supports 1 x PCI half card or  
1 x PCIe full card expansion slot

Supports 1U type ATX250W  
power supply



Top view

Incorporates Intel®  
Core™2 Quad industrial  
motherboard, IMB203

### Specifications

Standard Color	Black	Expansion Interface	1 x PCI slot (32bits/33MHz) 1 x PCIe slot	
Construction	Heavy-duty cold-rolled steel	Storage	2 x 3.5" SATA HDD (hot-swappable tray)	
System Board	IMB203VGGA	System Indicators	HDD access/power LEDs	
Processor	CPU Level	Intel® Core™2 Duo E6400/E4300/2161	Power Supply	ATX 250W Power input : 90~264Vac full range MTBF :100,000 hours
	System	Intel® Core™2 Quad Q9400	Cooling	2 x ball bearing fans
	Max. Speed	2.66 GHz	Operation Temperature	0°C ~ +40°C (32°F ~ 104°F)
	Front Side Bus	800/1066/1333 MHz	Storage Temperature	-20°C ~ +80°C (-4°F ~ +170°F)
Chipset	Intel® Q45 + ICH10-DO	Humidity	10% ~ 90%, non-condensing	
System Memory	4 x 240-pin DDR3 800/1066 MHz DIMM socket, up to 16GB. Dual Channel unbuffered non-ECC	Dimensions	473.5mm (19") (W) x 440mm (17.32") (D) x 44mm (1.73") (H)	
I/O interface (Front)	ATX Power on/off switch	Weight (net/gross)	9.8 kg (21.6 lb) / 10.8 kg (23.8 lb)	
I/O Interface (Rear)	1 x PS/2 keyboard/mouse	Certification	CE	
	1 x LPT			
	1 x RS-232/422/485			
	1 x VGA			
	2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio(Mic-in/Line out)			

### Ordering Information

IPC121-PCIe (P/N:E26G121100)	Super slim 1U Intel® Core™2 Quad industrial barebone system with ATX 250W and PCIe slot
IPC121-PCI (P/N:E26G121101)	Super slim 1U Intel® Core™2 Quad industrial barebone system with ATX 250W and PCI slot

\* Specifications and certifications are limited to optional.

### Packing List

1 x IPC121 with IMB203VGGA
1 x 250W ATX power supply w/o power cord
1 x CPU heat sink (up to TDP 95W CPU support )
1 x Utility CD
2 x SATA2 cable
1 x PCIe riser card or 1 x PCI riser card

Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories

### Dimensions

