



BPC-3220

Intel® Socket P Core™ 2 Duo BOX PC

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard / Power Converter / Mounting Kit

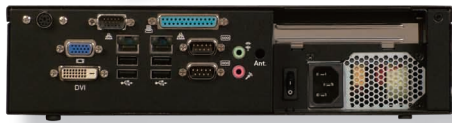
Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis / Backplane / Power supply



Features

- Highest Performance in Intel's Platform
- Wide Range AC Power Input from 100 to 240 VAC
- Wireless LAN support
- Slim and Compact Design
- Multi-Expansion (8 x USB, 1 x Mini PCI, 1 x PCI Slot)
- Easy Installation/Exchange of Storage Device
- Support DDR2 DIMM up to 4GB

System

CPU	Intel® Socket P Core™ 2 Duo/Celeron® M CPU with 667/800/1066MHz FSB
Memory	1 x 240-pin dual channels DDR2 DIMM Socket up to 4GB at 667/800MHz
Chipset	Intel® GM45 + ICH9M
Graphics	Intel® GM45 integrated GMA X4500, support DirectX 10, Shader Model 4.0
ATA/IDE	4 x Serial ATA ports with 300MB/s HDD transfer rate
LAN	2 x Realtek 8111B Gigabit Ethernet controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	1 x DB-9 female connectors for RS-232 1 x DB-9 female connector for RS-232/422/485 selectable
Parallel Port	SPP/EPP/ECP mode
USB Port	8 x USB 2.0 ports
LAN	2 x RJ-45 ports for Gigabit Ethernet
Video Port	1 x DB-15 female connector for analog RGB 1 x DVI-D female connector for Digital Video Output
Digital I/O	1 x 8-bit GPIO, 4 in/4 out
Audio	Mic-in/Line-out
Expansion Bus	1 x PCI slot 1 x Mini PCI slot

Environmental

Operating Temp.	0 ~ 50°C (32 ~ 122°F), ambient w/ air flow
Storage Temp.	-20 ~ 80°C (-4 ~ 176°F)
Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
Vibration	1 Grms/5~500Hz/random operation
Shock	10G peak acceleration (11m sec. duration)

Qualification

Certification	CE, FCC
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Power Requirement

Power Supply	150W, AC 100V ~ 240V AT power supply
Power Consumption	60W (Max.)

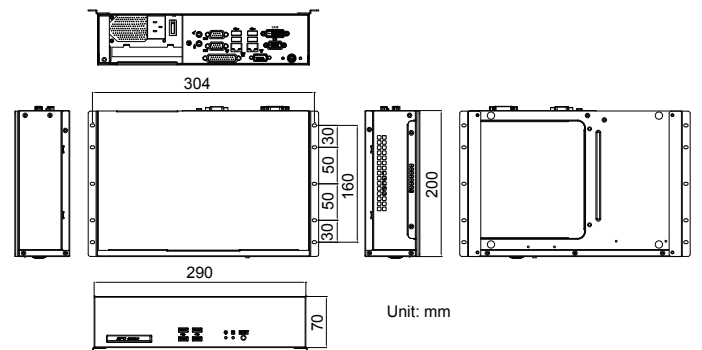
Storage

Type	1 x 2.5" drive bay for HDD/SSD
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Mechanical

Construction	Aluminum of 5052
Mounting	Support wall-mounting
Weight	1.89 kg (4.16 lb)
Dimensions (W x D x H)	290 x 200 x 70 mm (11.4" x 7.87" x 2.76")

Drawing



Ordering Information

BPC-3220	Barebone system w/o storage device, CPU, memory
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All specifications are subject to change without notice.