



FPC-7300

Robust, Fanless Box PC with Intel Socket-P Core™ 2 Duo Platform



Features

- Extreme Performance with Intel's Mobile Platform
- Fanless Design
- Wide Range DC Power Input
- Rugged Design for Shock/Vibration Protection
- Rich onboard I/O and 1 x PCI slot
- Easy Installation/Maintenance

System

CPU	Support Intel Socket-P (Penryn/ Merom) Core™ 2 Duo/ Celeron M with 667/800/1066MHz FSB
Memory	2 x 200-pin Dual Channels DDRII SO-DIMM 667/800MHz up to 4GB
Chipset	Intel GM45 + ICH9M
Graphics	Intel GM45 integrated GMA X4500, support DirectX 10, Shader Model 4.0
ATA	1 x Serial ATA ports with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek RTL8111C 10/100/1000 Base-T Gigabit Ethernet
Watchdog Timer	1~255 level reset

I/O

Serial Port	1 x DB44 female connector Support 4 x RS-232 ports (COM4 is RS-232/422/485 selectable)
USB Port	8 x USB 2.0 ports
LAN	2 x RJ45 ports for GbE
Video Port	1 x DB15 female connector for Analog Output 1 x Display port
Selectable Port	Either of DVI or Digital I/O or LPT 1 x DVI-D Female connector for Digital Video Output 1x 16-bit Digital I/O 8 in/8 out SPP/EPP/ECP mode for FPT
TV-out	1 x 6-pin Mini-DIN connector supports S-Video directly output or Composite output via external cable
Audio	Mic-in/Line-out (6W pre-amplified)
Expansion Bus	1 x PCI slot w/ riser card 1 x Mini-card slot

Environmental

Operating Temp.	-20 ~ 55°C (-4 ~ 131°F), ambient w/ air flow
Storage Temp.	-40 ~ 85°C (-40 ~ 185°F)
Relative Humidity	10 ~ 95% @ 40°C (non-condensing)
Vibration	MIL-STD-810F, Method 514.5, Procedure 1, Category 4
Shock & Crash	Operating 20G (11ms), Non-operating 40G with HDD Operating 40G (11ms), Non-Operatong 60G with CF/SSD Crash 80G (11ms)

Qualification

Certification	CE, FCC
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All specifications are subject to change without notice.

Power Requirement

Power input	DC 10V~28V input (w/ 4-pin DC input terminal block combine remote power on/off switch)
Power Consumption	60W (Max.)

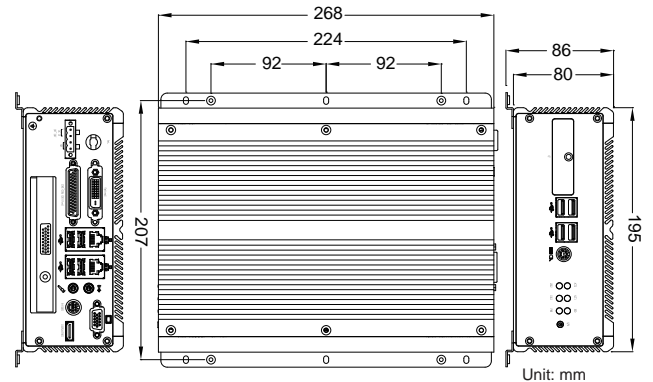
Storage

Type	1 x 2.5" Drive bay for HDD /SSD 1 x CompactFlash Type II socket which can be outside accessible
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Mechanical

Construction	Aluminum alloy
Mounting	Support wall-mounting
Weight	3.9 kg (8.6 lb)
Dimensions (W x D x H)	195 x 268 x 80 mm (7.68" x 10.55" x 3.15")

Drawing



Ordering Information

FPC-7300	Barebone system w/o storage device, CPU, memory
PAC-B120W	120W AC/DC adapter kit
CBL-7100-COM	DB44 to 4 x DB9(M) + 1 x DB9(F) cable

Computer on Module

Embedded Miniboard

Slot Computing

Industrial Motherboard

Wide Temperature

Cable Kit /Coating Kit /SSC Daughter Board /Power Converter

Rugged Tablet PC

HMI / HMC

Box PC

Mobile DVR

Network Communication Appliance

Industrial Chassis /Backplane Power supply