



FPC-7100

Robust Box PC with Intel® Pentium® M Celeron® M Platform



Features

- Fanless Design
- Wide Range DC Power Input (10 ~28V)
- Rugged Design for Shock/Vibration Protection
- Rich Onboard I/O and Expansion Slots (1 x PCI, 1 x Mini-card)
- Easy Installation/Maintenance

System

CPU	Intel® Socket 479 Celeron® M/Pentium® M CPU up to 1.8GHz with 400MHz FSB
Memory	2 x 240-pin DDR2 DIMM Sockets up to 2GB at 400MHz
Chipset	Intel® 910GML E + ICH6M
Graphics	Integrated with Intel® Graphics Media Accelerator (GMA900)
ATA	1 x Ultra ATA100 1 x Serial ATA port with 150MB/s HDD transfer rate
LAN Chipset	2 x Realtek RTL8111C Gigabit Ethernet controllers
Watchdog Timer	1~255 level reset

I/O

Serial Port	1 x DB-44 female connector Support 4 x RS-232 ports + 1 x 4-bit GPIO 2 in/2 out (1 x RS-422/485 port shared with COM2)
USB Port	6 x USB 2.0 ports
LAN	2 x RJ-45 ports for Gigabit Ethernet
KB/MS	1 x 6-pin Mini-DIN for Keyboard and Mouse
Video Port	1 x DB-15 female connector for Analog RGB
Selectable Port	Either of DVI or Digital I/O or LPT DVI-D female connector for Digital Video Output 1 x 12-bit Digital I/O: 6 in/6 out SPP/EPP/ECP mode for LPT
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	3 Grms/5~500Hz/random operation
Shock & Crash	Operating 20G (11ms), Non-operating 40G with HDD Operating 40G (11ms), Non-Operating 60G with CF/SSD Crash 80G (11ms)

Qualification

Certification	CE, FCC
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Power Requirement

Power Input	DC 10V~28V input (w/ 4-pin DC input terminal block combine remote power on/off switch)
Power Consumption	50W (Max.)

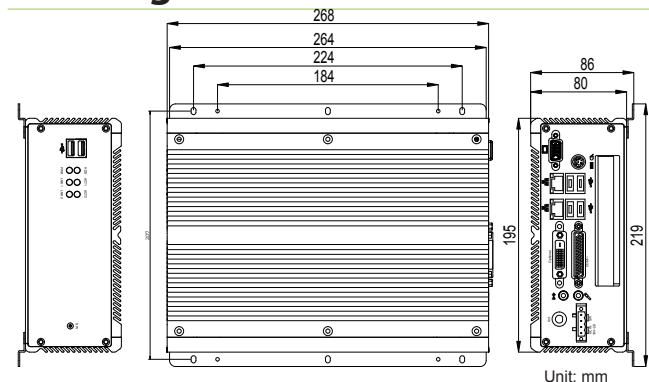
Storage

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

Construction	Aluminum alloy
Mounting	Support wall-mounting
Weight	3.87 kg (8.5 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-7100	Barebone system w/o storage device, CPU, memory
FPC-7100/CM1500	Barebone system w/ Celeron® M 370
DRK-001	Din rail kit of FPC series
WMK-7000	Wall-mount kit of FPC-7XXX
CBL-7100-COM	COM converter cable (1*44-pin male to 4*DB-9 female + 1 x DB-9 female) L=200mm
PAC-B065W	65W AC/DC adapter kit
PAC-B120W	120W AC/DC adapter kit

All specifications are subject to change without notice.

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