

FPC-7102

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
- Easy Installation/Maintenance
- Intel® SSD Compatible

System

CPU	Intel® Socket-479 Celeron® M/ Pentium® M processor up to 1.8GHz with 400MHz FSB
Memory	2 x 240-pin DDR2 DIMM Sockets up to 2GB at 400MHz
Chipset	Intel® 910GML + 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 RTL8111 Gigabit Ethernet controllers
Watchdog Timer	1~255 levels 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 (COM2 is RS-232/422/485 selectable)
USB Port	6 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 Either of DVI or Digital I/O or LPT
Selectable Port	1 x 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)
KB/MS	1 x 6-pin Mini-DIN for Keyboard and Mouse
Expansion Bus	2 x PCI slots 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	Operating 20G (11ms), Non-operating 40G with HDD Operating 40G (11ms), Non-operating 60G with CF/SSD

Qualification

Certification	CE, FCC Class A
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Power Requirement

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

Storage

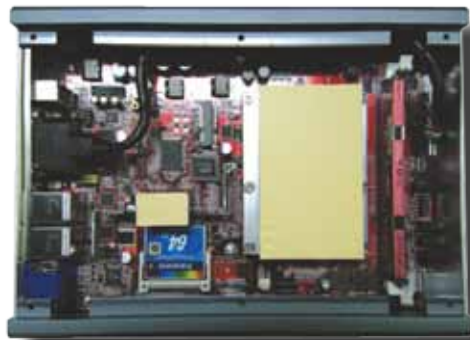
Type	1 x 2.5" drive bay for HDD/SSD 1 x CompactFlash Type II Socket
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Mechanical

Construction	Aluminum alloy
Mounting	Support wall-mounting
Weight	4.3 kg (9.51 lb)
Dimensions (W x D x H)	195 x 268 x 100 mm (7.68" x 10.55" x 3.93")

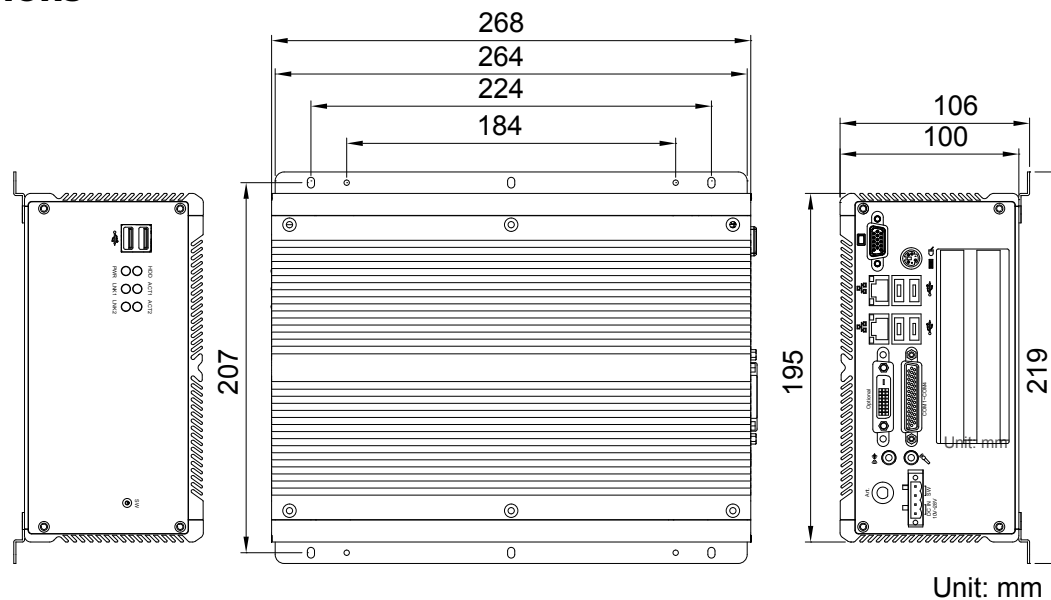
Ordering Information

FPC-7102	Barebone system w/o storage device, CPU and memory
FPC-7102/CM1500	Barebone system w/ Celeron® M 370



» Fanless Design

Dimensions



Optional Accessories

PAC-B120W-FSP

120W AC/DC adapter kit



Power Input	100 ~ 240 VAC
Power Output	19VDC, 6.32A, 120W

PAC-B065W

65W AC/DC adapter kit



Power Input	100 ~ 240 VAC
Power Output	19VDC, 3.4A, 65W

WMK-7000

Wall-mount kit for FPC-7XXX series



Material	SPCC+Ni
Dimensions (W x D x H)	264 x 28.5 x 6 mm (10.39" x 1.12" x 0.23")

CBL-7100-COM

COM converter cable



External I/O	4 x COM Ports
Length	20 cm

Optional Configuration (CTOS* Kit)

SSD-25040

Intel® 2.5" 40GB SATAII SSD kit



Brand/Type	Intel / 2.5 inch
Interface	SATAII
Capacity	40GB
Dimensions (W x D x H)	100.45 x 69.85 x 9.5 mm (3.95" x 2.75" x 0.37")

WIFI-IN1300



Intel® Centrino® Advanced-N 6205 WiFi module w/ 20cm internal wiring

5001521590850P



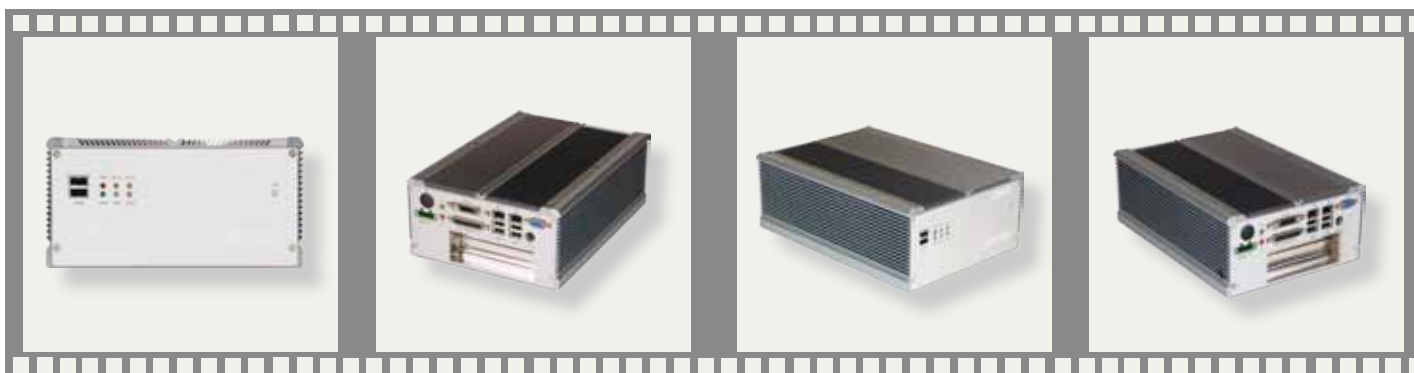
Celeron® M 370 1.5GHz w/ 1M L2 cache

ANT-D11



1 x WiFi Dual-band 2.4G/5G antenna

*CTOS means Configure to Order Service.



All specifications are subject to change without notice.