

FPC-7200

Robust Box PC with Intel® Atom™ D2550 Platform



Features

- **Fanless Design**
- Wide Range DC Power Input (9 ~ 32V)
- Serial Port with 5V/12V Power Output
- Support RS-485 Auto-flow Function
- Support Various Video Interfaces (DVI-I, DVI-D)
- Support Outside Accessible CFast and SIM Slots
- Support Optional WiFi or HSPA+ Wireless Connection
- Rugged Design for Shock/Vibration Protection
- Easy Installation/Maintenance
- Intel® SSD Compatible

System

CPU	Soldered Onboard Intel® Atom™ D2550 1.86GHz processor
Memory	2 x 240-pin Dual Channels DDR3 Long-DIMM Sockets up to 4GB at 800/1066MHz
Chipset	Intel® NM10 PCH
Graphics	Integrated Intel® GMA3650
ATA	1 x Serial ATA port with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek 8111 Gigabit Ethernet controllers
Watchdog Timer	1~255 levels reset

I/O

	4 x DB-9 male connectors
Serial Port	Support 4 x RS-232 ports (COM1~2 are RS-232, optional isolated) (COM3~4 are RS-232/485 selectable)
USB Port	10 x USB 2.0 ports
LAN	2 x RJ-45 ports for Gigabit Ethernet
Video Port	1 x DVI-I female connector for Digital & Analog Video output 1 x DVI-D female connector for Digital Video output
Audio	Mic-in/Line-out (6W pre-amplified)
KB/MS	2 x 6-pin Mini-DIN for Keyboard and Mouse
	1 x PCIe x1 slot
Expansion Bus	1 x Mini-card slot interconnected with SIM card socket for optional WiFi or HSPA+ module 1 x SIM socket (outside accessible)

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 CFast/SSD

Qualification

Certification	CE, FCC Class A
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Power Requirement

Power Input	9 ~ 32V input (w/ 4-pin DC input terminal block combine remote power on/off switch)
Power Consumption	Max. 35W (w/o I/O card)

Storage

Type	1 x 2.5" drive bay for HDD/SSD 1 x CFast Socket which can be outside accessible
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Mechanical

Construction	Aluminum alloy
Mounting	Support wall-mounting
Weight	4.2 kg (9.24 lb)
Dimensions (W x D x H)	195 x 268 x 80 mm (7.68" x 10.55" x 3.14")

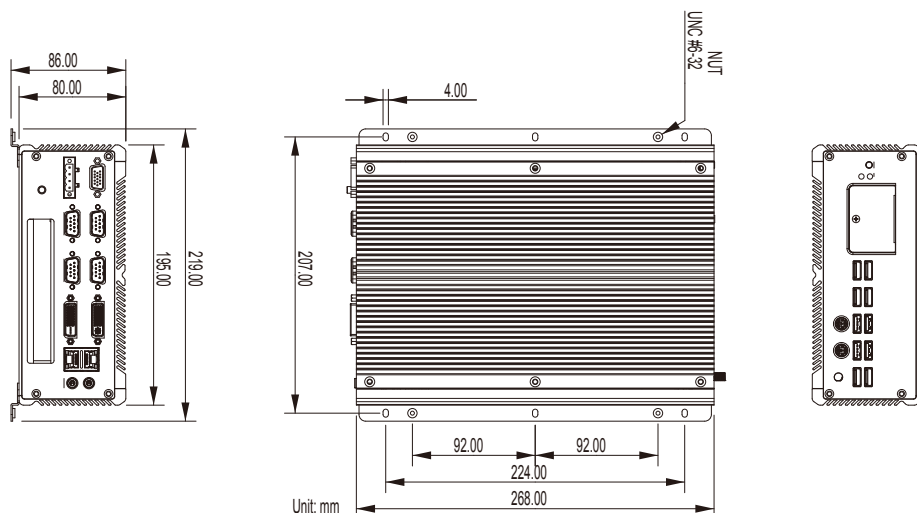
Ordering Information

FPC-7200	Barebone system w/ D2550 CPU, w/o storage device and memory, w/o isolated RS-232
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» Fanless Design

Dimensions



Optional Accessories

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")

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")

HSPA-SI1400



HSUPA 3.75G module kit & internal wiring

WIFI-IN1300



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

ML-3C-2G



Single Side DDR3-2GB Long DIMM Kit

ANT-H11



1 x 2dBi HSUPA antenna

ANT-D11



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

*CTOS means Configure to Order Service.

» Front-access CFast & SIM for Easy Maintenance



Unscrew and pull down the door



Insert CFast card



Insert SIM card