

FPC-7310

Robust Box PC with Intel® Socket P Core™ 2 Duo or Celeron® M Platform



Features

- **Fanless Design**
- Wide Range DC Power Input (10 ~ 28V)
- Support Various Video Interfaces (Analog RGB, DVI, DisplayPort, TV-out)
- Support Outside Accessible CFast and SIM Slots
- Support Optional WiFi or HSUPA Wireless Connection
- Rugged Design for Shock/Vibration Protection
- Easy Installation/Maintenance
- Intel® SSD Compatible

System

CPU	Intel® Socket P (Penryn/Merom) Core™ 2 Duo/ Celeron® M with 667/800/1066MHz FSB
Memory	2 x 200-pin DDR2 SO-DIMM sockets, supporting 667/800MHz SDRAM up to 4GB
Chipset	Intel® GM45 + ICH9M
Graphics	Intel® GM45 integrated GMA X4500, supporting DirectX 10, Shader Model 4.0
ATA	2 x Serial ATA ports with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek 8111 GbE controllers
Watchdog Timer	1~255 levels reset

Peripherals and Devices

Serial Port	1 x DB-44 female connector Support 4 x RS-232 ports (COM3, 4 are RS-232/422/485 selectable)
USB Port	8 x USB 2.0 ports
LAN	2 x RJ-45 ports for GbE
Video Port	1 x DB-15 female connector for Analog RGB 1 x DisplayPort
TV-out	1 x 6-pin Mini-DIN connector for S-Video output, or Composite output via external cable DVI, Digital I/O or LPT (selectable)
Selectable Port	1 x DVI-D female connector for Digital Video output 1 x 16-bit digital I/O, 8 in/8 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 1 x PCI slot
Expansion Bus	1 x Mini-card slot interconnected with SIM card socket for optional WiFi or HSUPA 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)
Operating Humidity	10 ~ 95% @ 55°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock	Operating 40G (11ms), Non-operating 60G with CFast/ 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, combining 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 CFast socket, 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")

OS Support

Windows XP Embedded / Windows XP Professional / Windows Embedded 7 Professional / Windows Embedded 7 Standard

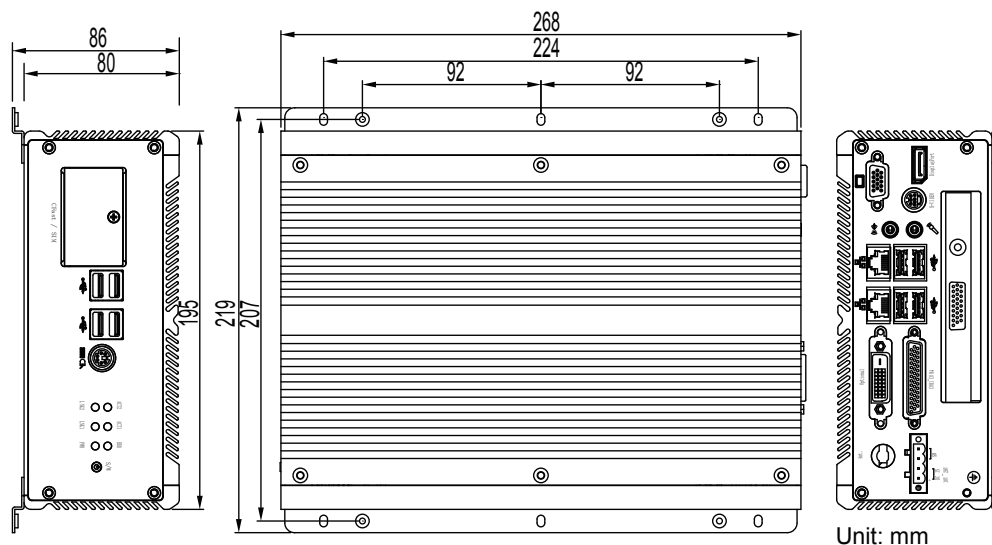
Ordering Information

FPC-7310	Barebone system w/o storage device, CPU and memory
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» Fanless Design

Dimensions



Optional Accessories

PAC-B120W-FSP 19V/6.32A 120W AC/DC adapter kit



WMK-7000 Wall-mount kit for FPC-7XXX Series



CBL-7310-COM 4 x COM ports converter cable



Optional Configuration (CTOS* Kit)

MK-2C-2G-1 DDR2-800 2GB SDRAM DIMM1 kit



MK-2C-2G-2 DDR2-800 2GB SDRAM DIMM2 kit

SSD-25040 Intel® 2.5" 40GB SATAII SSD kit



HSPA-SI1400 HSUPA 3.75G module kit & internal wiring



WIFI-IN1300 Intel® Centrino® Advanced-N 6205 WiFi module w/ 20cm internal wiring



Core™ 2 Duo P8400 Core™ 2 Duo P8400 2.26GHz w/ 3M cache

Celeron® Dual Core T3100 Celeron® Dual Core T3100 1.9GHz w/ 1M cache

Celeron® M 575 Celeron® M 575 2.0GHz w/ 1M cache



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