FPC-3130

Robust Box PC with Intel® Atom™ D2550 Platform

Features

- Ultra Low Power and Fanless & Cable Less Design
- Wide Range DC Power Input (10 ~ 32V)
- Smarter Ignition Power On/Off, Delay-time and Battery Low Voltage Protection
- Over-voltage and Reversed Power Input Protection
- Outside Accessible CFast and SIM Slots
- Dual DVI Port Output
- RS-485 Auto-flow Function
- Wide Operating Temperature (-20 ~ 70˚C)
- Easy Installation/Maintenance
- Intel® SSD Compatible

System

CPU	Soldered onboard Intel® Atom™ D2550 1.86GHz processor
Memory	1 x 204-pin DDR3 SO-DIMM socket, supporting 800/1066MHz SDRAM up to 4GB
Chipset	Intel® NM10 PCH
Graphics	Integrated Intel GMA 3650
ATA	1 x Serial ATA port with 300MB/s HDD transfer rate
LAN Chipset	2 x Realtek 8111 GbE controllers
Watchdog Timer	1~255 levels reset

I/O

Serial Port	2 x RS-232 ports/ 2 x RS-232/422/485 selectable ports with DB-44 pin connector
USB Port	6 x USB 2.0 ports
LAN	2 x RJ-45 ports for GbE
Video Port	1 x DVI-I female connector for Digital Video Output
	1 x DVI-D female connector for Digital Video Output
Audio	Mic-in/Line-out/Line-out (6W pre-amplified)
Expansion Bus	1 x Mini-card slot interconnected with SIM card socket for optional WiFi or HSUPA module
	1 x SIM card socket

Environmental

Operating Temp.	-20 ~ 70°C (-4 ~ 158°F), ambient w/ air flow
Storage Temp.	-40 ~85 °C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 70°C (non-condensing)
Vibration	3 Grms/5~500Hz/random operation
Shock	Operating 40G (11ms), Non-operating 80G with CFast/ SSD

Qualification

Certification	CE, FCC Class B

Power Requirement

Power Input	DC 10~32V input (w/ 3-pin DC input terminal block)
Power Consumption	Max. 30W

Storage

Type	1 x 2.5" drive bay for HDD/SSD
	1 x CFast socket

Mechanical

Construction	Aluminum alloy
Mounting	Wall-mount/VESA-mount/Din rail mounting
Weight	1.89 kg (4.16 lb) (Bare-bone)
Dimensions (W x D x H)	252 x 199 x 33 mm (9.92" x 7.83" x 1.3")

OS Support

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

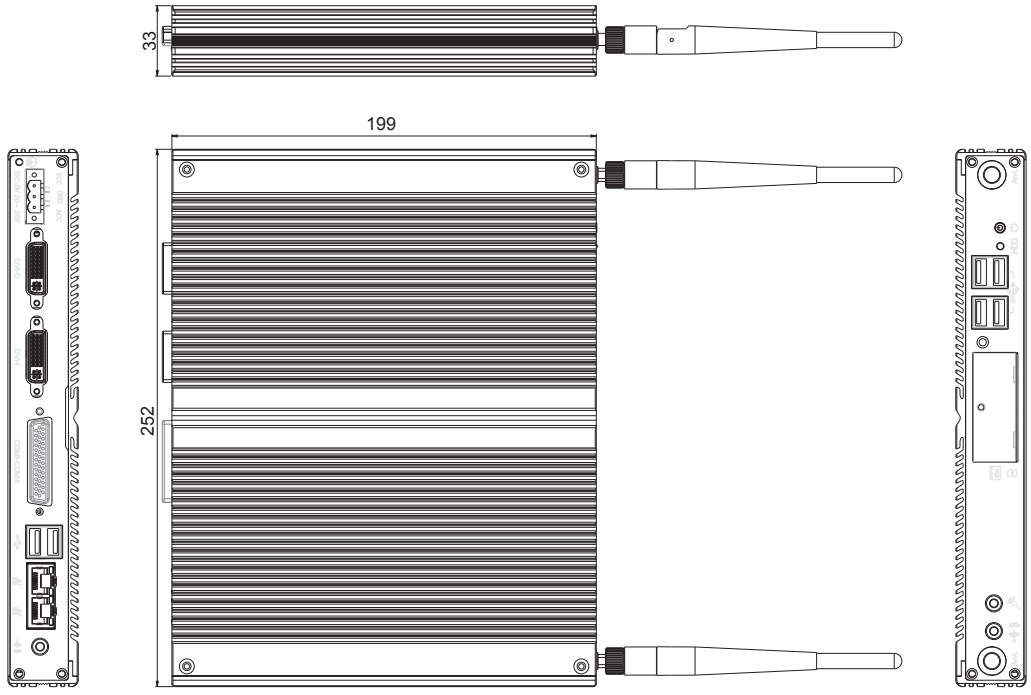
Ordering Information

FPC-3130	Barebone system w/o storage device and memory

» Fanless Design

All specifications are subject to change without notice.

Dimensions

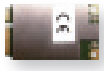


Unit: mm

Optional Accessories

PAC-P065W	19V/3.4A 65W AC/DC adapter kit	
VMK-3100	VESA mount kit	
CBL-7100-COM	4 x COM ports converter cable	
DRK-001	Din rail kit of FPC series	
WMK-3100	Wall-mount kit	

Optional Configuration (CTOS* 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	
ANT-D11	1 x WiFi Dual-band 2.4G/5G antenna	
ANT-H11	1 x 2dBi HSUPA antenna	
2GB SO-DIMM	DDR3-1333 2GB SDRAM	
4GB SO-DIMM	DDR3-1333 4GB SDRAM	

**CTOS means Configure-to-Order Service.*