

# 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

<b>CPU</b>	Soldered onboard Intel® Atom™ D2550 1.86GHz processor
<b>Memory</b>	1 x 204-pin DDR3 SO-DIMM socket, supporting 800/1066MHz SDRAM up to 4GB
<b>Chipset</b>	Intel® NM10 PCH
<b>Graphics</b>	Integrated Intel GMA 3650
<b>ATA</b>	1 x Serial ATA port with 300MB/s HDD transfer rate
<b>LAN Chipset</b>	2 x Realtek 8111 GbE controllers
<b>Watchdog Timer</b>	1~255 levels reset
<b>I/O</b>	
<b>Serial Port</b>	2 x RS-232 ports/ 2 x RS-232/422/485 selectable ports with DB-44 pin connector
<b>USB Port</b>	6 x USB 2.0 ports
<b>LAN</b>	2 x RJ-45 ports for GbE
<b>Video Port</b>	1 x DVI-I female connector for Digital Video Output 1 x DVI-D female connector for Digital Video Output
<b>Audio</b>	Mic-in/Line-out/Line-out (6W pre-amplified)
<b>Expansion Bus</b>	1 x Mini-card slot interconnected with SIM card socket for optional WiFi or HSUPA module 1 x SIM card socket

### Environmental

<b>Operating Temp.</b>	-20 ~ 70 °C (-4 ~ 158 °F), ambient w/ air flow
<b>Storage Temp.</b>	-40 ~ 85 °C (-40 ~ 185 °F)
<b>Operating Humidity</b>	10 ~ 95% @ 70 °C (non-condensing)
<b>Vibration</b>	3 Grms/5~500Hz/random operation
<b>Shock</b>	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

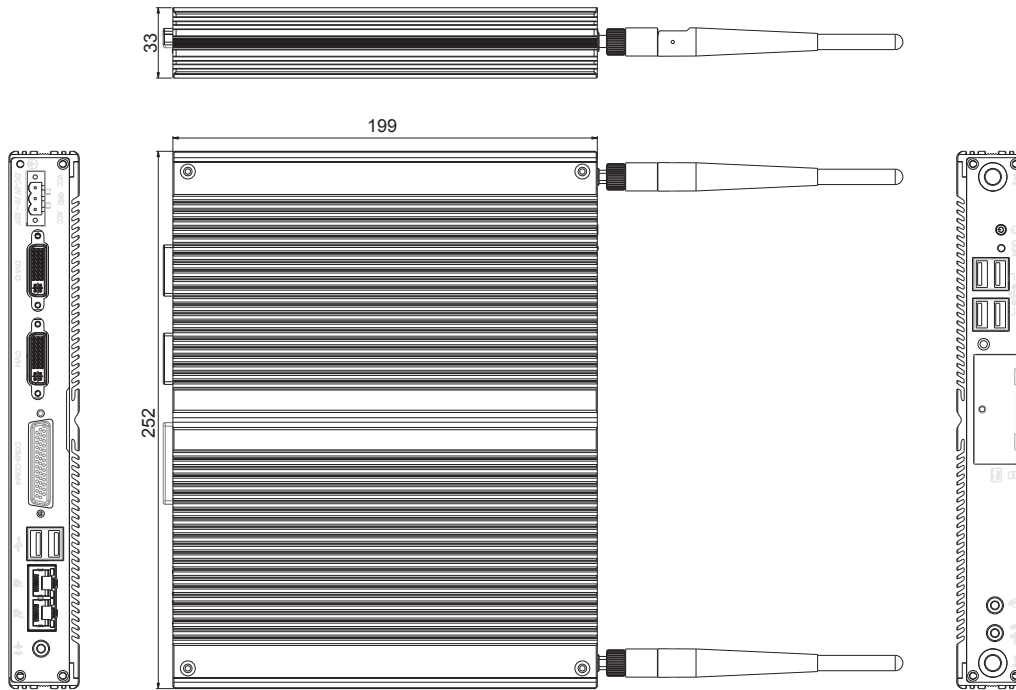
### Ordering Information

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








» Fanless Design

## Dimensions




Unit: mm

## Optional Accessories

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

## Optional Configuration (CTOS\* Kit)

<b>SSD-25040</b>	Intel® 2.5" 40GB SATAII SSD kit	
<b>HSPA-SI1400</b>	HSUPA 3.75G module kit & internal wiring	
<b>WIFI-IN1300</b>	Intel® Centrino® Advanced-N 6205 WiFi module w/ 20cm internal wiring	
<b>ANT-D11</b>	1 x WiFi Dual-band 2.4G/5G antenna	
<b>ANT-H11</b>	1 x 2dBi HSUPA antenna	
<b>2GB SO-DIMM</b>	DDR3-1333 2GB SDRAM	
<b>4GB SO-DIMM</b>	DDR3-1333 4GB SDRAM	

\*CTOS means Configure-to-Order Service.

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