



### Feature

- Compact size with fan-less design
- Based on Intel® Embedded Compact Extended Form Factor (Intel® ECX Form Factor) single board computer
- DC/DC 6V ~ 24V wide range power input
- DVB-T/FM tuner, WiFi supported (option)
- Dual-display support (VGA and LVDS)
- TPM(Trusted Platform Module) and UDM(USB-Disk Module) could be added on board
- -40°C to 80°C Industrial Temperature supported (option)

The PCS-8230 is a compact 1-DIN, powerful, low power dainty system for in-vehicle infotainment. It is positioned as a reliable and multimedia vehicle infotainment system platform by multiple

peripherals integrated. The Industrial temperature version (option) built in Intel® eMenlow XL plate form that supports -40°C to 80°C Industrial Temperature which is suitable for strictly environment.

## Specification

### System

<b>CPU</b>	Intel® Atom™ processor Z510; Z510PT/ Z520PT (Option)
<b>Chipset</b>	Intel® System Controller Hub US15W; US15WPT (Option)
<b>System Memory</b>	One 200-pin SO-DIMM supports DDR2-533 SDRAM up to 2GB
<b>Display</b>	Intel® GMA 500
<b>Expansion</b>	One MiniCard (PCI-Express x1 + USB interface)
<b>Peripherals</b>	TV/FM tuner, Bluetooth, WiFi, and GPS modules (Option)
<b>Storage</b>	One 2.5" HDD and one CompactFlash socket

### Front panel

<b>LED Indicators</b>	HDD, Suspend mode, Power
<b>Power</b>	One Power ON/OFF button
<b>SDIO</b>	SDIO slot
<b>USB</b>	Two USB ports

### Rear I/O

<b>Display</b>	VGA
<b>Audio</b>	CH5.1 audio
<b>COM</b>	One RS-232 serial port
<b>USB</b>	Four USB ports
<b>Power</b>	6V-24V DC-IN
<b>Antenna</b>	Antenna connection for WiFi or TV tuner

### Power Supply Unit (DC-DC Converter)

<b>Power Input</b>	6V-24V
<b>Max Output Power</b>	160 Watts

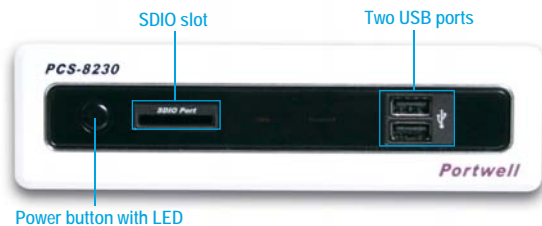
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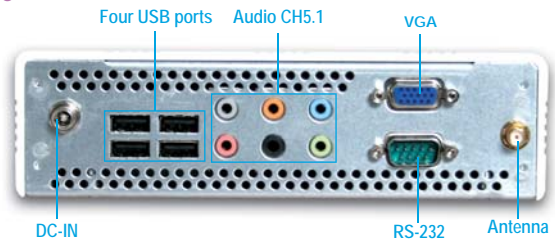
### Mechanical & Environmental

<b>Operation Temperature</b>	0°C-50°C -40°C-80°C (Option)
<b>Storage Temperature</b>	-40°C-80°C
<b>Relative Humidity</b>	5-95% non-condensing
<b>Dimension</b>	180mm(W) x 192.2mm(D) x 50mm(H)

### Front Panel (PCS-8230)



### Rear I/O



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