



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

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

Front panel

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

Rear I/O

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

Power Supply Unit (DC-DC Converter)

Power Input	6V-24V
Max Output Power	160 Watts

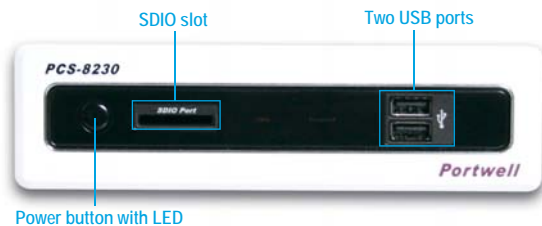
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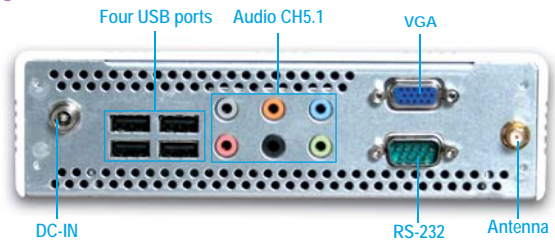
Mechanical & Environmental

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

Front Panel (PCS-8230)



Rear I/O



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