

PCS-8310P

Intel Gen4 Core/ Celeron CPU with 4x POE Ports On-Board Computer



FEATURES

- Intel Core/ Celeron
- Wireless support LTE, 3.5G w/ SIM Card, WLAN, GPS Dead Reckoning, GSM/GPRS, BT
- Support 4 x Power Over Ethernet (POE)
- Smarter Vehicle Power Ignition for Variety Vehicle
- Support Dual Hot Swappable SATA Storage
- Support 1 x CAN Bus 2.0B (Optional)

System

CPU	Intel Gen 4 Core i7-4650U 1.7GHz up to 3.3GHz Intel Gen 4 Core i5-4300U 1.9GHz up to 2.9GHz Intel Gen 4 Core i3-4010U 1.7GHz Intel Gen 4 Dual Core 2980U 1.6GHz
------------	--

Memory	2 x DDR3L 1600 MHz SO-DIMM up to 16GB
---------------	---------------------------------------

Chipset	QM87
----------------	------

LAN Chipset	Intel I210-AT Gb/s Ethernet Controllers Onboard Support PXE and WOL
--------------------	--

Audio	Realtek ALC662 HD Codec Onboard
--------------	---------------------------------

Watchdog	Watchdog Timer Support, Offer 1 – 255 Step
-----------------	--

I/O

Serial Port	3 x RS-232 (2 with RS-485 (Auto Direction Control))
--------------------	---

USB Port	2 x USB 3.0 Ports, 2 x USB 2.0 Ports
-----------------	--------------------------------------

LAN	4 x M12 Ports for GbE POE (IEEE802.3AF 15.4W per port)
------------	--

Video Port	1 x DVI-I, 1 x DP Port, 1, VGA (Support Triple Independent Display)
-------------------	--

DIO Port	4 In and 4 Out
-----------------	----------------

Audio	1 x Line-out and 1 x Mic-in (Line-in Optional)
--------------	--

SIM Card Socket	1 x SIM Card Socket Supported Onboard with eject
------------------------	--

Graphics

Graphics	Intel® HD Graphics 5000 DirectX Video Acceleration (DXVA) for Accelerating Video Processing - Full AVC/VC1/MPEG2 HW Decode Supports DirectX 11/10.1/10/9 and OpenGL 4.0
-----------------	---

Resolution	Up to 4096 x 2304
-------------------	-------------------

Storage

Type	2 x 2.5" Drive Bay for SATA Type HDD/SSD, Support RAID 0, 1 1 x mSATA
-------------	--

Power Requirement

Power Input	9V - 36V DC Power Input
--------------------	-------------------------

Power Protection	Automatics Recovery Short Circuit Protection
-------------------------	--

Power Management	Vehicle Power Ignition for Variety Vehicle
-------------------------	--

Power Off Control	Power off Delay Time Setting by Software and BIOS
--------------------------	---

Battery	Internal Battery Kit for 10 Mins Operating (Optional)
----------------	---

Environmental

Operating Temp.	-40°C ~ 70°C
------------------------	--------------

Storage Temp.	-40°C ~ 80°C
----------------------	--------------

Relative Humidity	0% RH – 95% RH
--------------------------	----------------

Vibration(random)	2.5g@5~500 Hz with SSD
--------------------------	------------------------

Vibration Operating	MIL-STD-810F, Method 514.5, Category 20, Ground Vehicle-Highway
----------------------------	--

Truck Storage	MIL-STD-810F, Method 514.5, Category 24, Integrity Test
----------------------	---

Shock	Operating: MIL-STD-810F, Method 516.5, Procedure I, Trucks and semi-trailers=40G (11ms) with SSD
--------------	---

Crash Hazard	MIL-STD-810F, Method 516.5, Procedure V, Ground equipment=100g
---------------------	---

Certifications	CE, FCC Class A, EMark Compliance, EN50155, EN50121
-----------------------	---

Mechanical

Construction	Aluminum Alloy
---------------------	----------------

Mounting	Supports Both of Wall-mount/VESA-mount
-----------------	--

Weight	1780 g (Barebone)
---------------	-------------------

Dimensions	250 x 150 x 55 mm
-------------------	-------------------



American Portwell

44200 Christy Street,
Fremont, CA 94538, USA
Tel: +1-510-403-3399
Fax: +1-510-403-3184
E-mail: info@portwell.com
<http://www.portwell.com>

*All product specification are subject to change without notice.