



CAR-5000

PCI-Express
Gen2

2U high-end Communication Appliance Rack-mount Server optimized for latest Intel® Xeon® C5500/C3500 processors with integrated memory and PCI-Express 2.0 controllers



FEATURE

- Intel® Xeon® C5500/C3500 processors with integrated Gen 2.0 PCIe
- Support DDR3 1333/1066/800 UDIMMs or RDIMMs, up to 48 GB
- Up to 26 Gigabit Ethernet Ports
- Three front access PCIe expansion slots (optional)
- 500W Redundant ATX PSU
- Ready for PCIe2.0 5GT/s solution

SPECIFICATION

CPU Board	- Support LGA1366 Intel® processor Xeon® C5500/C3500 processors with 8M-2M L3 Cache - Intel® QPI 5.87GT/s processor bus
System Memory	- Six DDR3 240-pin DIMM sockets for each processor - Support DDR3 1333/1067/800 UDIMMs or RDIMMs, up to 48 GB
Ethernet Port	- Two PCIe GbE ports for management - Capable for three flexible NIP modules, up to 24GbE ports
Expansion Slot	One PCIe x8 and two PCIe x4 slots (optional)
Storage Device	- Up to two 3.5" or eight 2.5" SATA HDD - One onboard compact flash socket for type-I CF, supports DMA mode
Serial Port	- One front accessible RJ45 connector for system console - One internal 2x5 pin header for connecting with EZIO or other device
LCD Panel	Support one optional 16x2 characters or 128x32/128x64 LCD module
USB	Dual USB 2.0 ports
LEDS	LED indicators for power status, storage access, Ethernet status/speed and bypass status
VGA	Built-in on-board 2x5 pin-header
Power	Full range 500W 1+1 redundant PSU
Dimension	431.8(W) x 580(D) x 88(H) mm 17.0"(W) x 22.8"(D) x 3.5"(H)
Operating Environment	- Temperature: 5 to 35°C (41 to 95°F) - Humidity 20% to 90%RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity 5% to 95%RH
Certification	CE/FCC/UL (to be applied)



ORDERING GUIDE

Part No.	PCIe 2.0 Eth. Interface	EZIO	Expansion
CAR-5000-4E2G	2 copper GbE mgt. ports 12 copper GbE ports	EZIO-300, EZIO-G400 or EZIO-G500	Optional
CAR-5000-4I2K	2 copper GbE mgt. ports 16 copper GbE ports	EZIO-300, EZIO-G400 or EZIO-G500	Optional



American Portwell

Fremont CA Tel: +1-510-403-3399

E-mail: info@portwell.com

http: //www.portwell.com