



# CAR-4000

PCI-Express  
Gen2

1U Communication Appliance Rack-mount Server based on Intel's new generation LGA1156 processors, supports PCI Express2.0 5GT/s



## FEATURE

- Intel® Xeon® processor X3400, Low-Power Xeon® L3400 series
- Support DDR3 1333/1066/800 UDIMMs or RDIMMs, up to 16 GB
- Up to 20 Gigabit Ethernet Ports
- One PCIe expansion slot (optional)
- 80 Plus Certified 300W ATX PSU
- Ready for PCIe2.0 5GT/s solution

## SPECIFICATION

CPU Board	- Support LGA1156 Intel® processor Xeon® X3400, Low-Power L3400 series with 8M L3 Cache - Intel® DMI with up to 2.5 GT/s
System Memory	- Dual-channel DDR3 with four 240-pin DIMM sockets - Support DDR3 1333/1066/800 UDIMMs or RDIMMs, up to 16 GB
Ethernet Port	Up to 20 GbE ports (16 for PCIe2.0)
Bypass function	Up to 6 Gen.2 bypass segment
Storage Device	- One 3.5" or two 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 connector for connecting with EZIO or other device
LCD Panel	Support 16x2 characters or 128x32/128x64 LCD module with buttons
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	80 Plus Certified 300 W Auto-range ATX PSU
Dimension	438(W) x 457(D) x 44(H) mm 17.20"(W) x 18.00"(D) x 1.73"(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)



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## Optional NIC

LAN module	Ethernet Controller	Interface	Bypass
NIP-51040	82580EB	4GbE Copper	0
NIP-51240	82580EB	4GbE Copper	2
NIP-51080	82580EB	8GbE Copper	0
NIP-52040	82580EB	4GbE Fiber	0
NIP-52080	82580EB	8GbE Fiber	0
NIP-53020	82599ES	2 10G Fiber	0
NIP-53120	82599ES	2 10G Fiber	1
NIP-54020	82599ES	2 10G Copper	0

## ORDERING GUIDE

Part No.	PCIe 2.0 Eth. Interface	EZIO	PCIe x4 Expansion
CAR-4000-4422	12 Copper GbE Ports	Optional	Optional
CAR-4000-4C22	16 Copper GbE Ports	Optional	Optional



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