



CAR-3005/3006/3007

1U Rack-mount Network Server Support Intel® Core™ 2 Quad CPU
with up to 6 RJ45 & 2 Bypass Segments, and 8 SFP Ports



FEATURE

- Cost effective Intel® Core™ 2 Quad platform
- Dual-channel DDR3 1333/1066 up to 4GB with 2 slots
- One 3.5" or 2.5" SATA HDD
- 6 GbE RJ45 ports on board with 2 bypass segments
- Expandable with 8 GbE SFP or 4 GbE RJ45 interface
- Ready for 10G SFP Ethernet
- Two PCI-E x 8 slot expansion

SPECIFICATION

CPU Board	- Support Intel® Core 2 Quad, Core 2 Duo in LGA775 socket - Intel® G41 chipset with ICH7R with 1333/1066/800 MHz FSB
System Memory	- Dual channel DDR3 with two 240-pin DIMM sockets - Supports DDR3 1333/1066 up to 4GB
Ethernet Port	- On board 6 PCI-E x1 GbE ports - Flexible Ethernet module options: 4 GbE RJ45 ports, 2 GbE SFP ports, 4 GbE SFP ports or 8 GbE SFP ports
Bypass Feature	Up to 2 Gen.-2.0 bypass segments available
Expansion Slot	Two PCI-E x 8 slots expansion One Standard PCIe x8 One proprietary interface for ABN/NIP card
Storage Device	- Support one 3.5" or 2.5" SATA HDD - CF socket on-board
Serial Port	- One front-access RJ45 connector for system console - One 2x5 pin-header for EZIO
LCD Panel	Optional 2x16 characters or 128x32 graphic LCD module with 4 buttons
LEDs	Power status, data access, Ethernet status (LNK/ACT), Ethernet speed (10/100/1000) and bypass
USB	Dual USB 2.0 ports, front accessible
VGA	Built-in on-board 2x5 pin-header
Power	275W full-range redundant (CAR-3005) 200W full-range ATX (CAR-3006) 250W DC 48V Input
Dimension	443(W) x 406(D) x 44(H) mm 17.45" (W) x 16" (D) x 1.73" (H)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°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

Optional NIC

LAN module	Chipset	Ethernet	Bypass
ABN-454L	82574L	4Gb Copper	0
ABN-484L	82574L	4Gb Copper	2
ABN-462N	82571EB	2Gb Fiber	0
ABN-482	82571EB	2Gb Fiber	1
ABN-664	82575EB	4Gb Fiber	0
ABN-668	82575EB	8Gb Fiber	0
ABN-522	82598EB	2 10Gb Fiber	0
NIP-53020	82599ES	2 10Gb Fiber	0
NIP-53120	82599ES	2 10Gb Fiber	1
NIP-54020	82599EB	2 10Gb Copper	0

ORDERING GUIDE

Part No.	Ethernet Ports	EZIO	Power
CAR-3005-3620	6 copper GbE 2 Bypass Ports	EZIO-300, EZIO-G400	275W redundant
CAR-3006-3620	6 copper GbE 2 Bypass Ports	EZIO-300, EZIO-G400	200W full range
CAR-3007-3620	6 copper GbE 2 Bypass Ports	EZIO-300, EZIO-G400	250W DC 48V



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