

CAR-3000

Eaglelake (G41), up to 14 GbE ports



FEATURE

- Support All LGA 775 CPU
- 2 DIMMs DDR3 (Dual-channel)
- 6 GbE ports / 2 x Bypass Gen2.0
- Expandable with 8 GbE ports (RJ45 or SFP)
- Ready for 10G solution

SPECIFICATION

CPU Board	- Support All LGA775 CPU - Intel® G41 chipset with ICH7R with 1333/1066/800 MHz FSB
System Memory	- Dual channel DDR3 with two 240-pin DIMM sockets - Supports DDR3 1066 up to 8 GB
Ethernet Port	up to 14 GbE ports
Bypass feature	2 Gen2.0 segments
Expansion	PCI-E x8 golden finger for proprietary or standard interface
Storage Device	- Support one 3.5" or 2.5" SATA HDD - CF socket on-board
Serial Port	- One front-access RJ45 for system console - One 2x5 pin-header for EZIO
LCD Panel	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, front accessible
Power	200W full-range ATX
Dimension	- 438(W) x 292.1(D) x 44(H) mm - 17.25"(W) x 11.5"(D) x 1.73"(H)
Operating Environment	- Temperature: 0 to 40 °C (32 to 104°F) - Humidity 20% to 90%RH
Storage Environment	- Temperature: -10 to 70°C (14 to 158°F) - Humidity 5% to 95%RH
Certification	CE/FCC/UL



Full-range 200W ATX PSU

Optional NIC

LAN Module	Ethernet Controller	Interface	Bypass
NIP-51040	82580EB	4 GbE RJ45	0
NIP-51240	82580EB	4 GbE RJ45	2
NIP-52040	82580EB	4 GbE Fiber	0
NIP-52120	82580DB	2 GbE Fiber	1
NIP-52080	82580EB	8 GbE Fiber	0
NIP-53120	82599ES	2 10GbE SFP	1
NIP-53020	82599ES	2 10GbE SFP	0
ABN-668	82575EB	8 GbE SFP	0
ABN-664	82575EB	4 GbE SFP	0
ABN-482	82571EB	2 GbE SFP	1
ABN-458	82571EB	8 GbE RJ45	0
ABN-484L	82571EB	4 GbE RJ45	2
ABN-454L	82574L	4 GbE RJ45	0

Optional CPUs

Model	Cores	Frequency	Cache	TPD
Q9400	4	2.66 GHz	6M	95 W
E8400	2	3.00 GHz	6M	65 W
E7400	2	2.80 GHz	3M	65 W
E6500	2	2.93 GHz	2M	65 W
E6400	2	2.13 GHz	2M	65 W
E5300	2	2.60 GHz	2M	65 W
E4300	2	1.80 GHz	2M	65 W
E2160	2	1.80 GHz	1M	65 W
E1500	2	2.20 GHz	512K	65 W
440	1	2.00 GHz	512K	35 W

ORDERING GUIDE

Model No.	Ethernet	Gen2.0 Bypass	EZIO	PCI-E Expansion
CAR-3000-3620	6 RJ45 GbE ports	2	Optional	1*

* Proprietary or Standard interface