

# CAR-4010

Intel Xeon E3-12XX Series Sandy Bridge (C206), up to 16 GbE ports, PCI-E 2.0



## FEATURE

- Support Intel® LGA1155 Xeon® CPU
- 4 DIMMs DDR3 (Dual-channel)
- 8 GbE ports (PCI-E 2.0) / 2 x Bypass Gen2.0
- Expandable with 8 GbE ports (RJ45 or SFP)
- IPMI v2.0 with iKVM

## SPECIFICATION

CPU Board	- Intel® LGA1155 Xeon® E3-series CPU - Intel® C206 PCH with DMI 5GT/S
System Memory	- Dual channel DDR3 with four 240-pin DIMM sockets - Supports DDR3 1333/1066 up to 32 GB
Ethernet Port	- 8 GbE RJ45 ports or 4 GbE + 4 GbE SFP port
PCI Expansion	- PCI-E x8 golden finger for proprietary interface - PCI-E x16* golden finger for standard interfac
Storage Device	- Optional one/two 3.5" or two/four 2.5" (Removable) 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), and Ethernet speed (10/100/1000).
USB	- Dual USB 2.0, front accessible
Power	- Optional 80Plus 250Wfull-range ATX - Optional 275W Redundant - Optional 250W DC48V Input
Dimension	- 438(W) x 508(D) x 44(H) mm - 17.24"(W) x 20"(D) x 1.73"(H)
Operation 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



▲ Single ATX PSU



▲ Redundant PSU



▲ DC Input PSU

## Optional NIC

LAN Module	Ethernet Controller	Interface	Bypass
NIP-53120	82599ES	2 10GbE SFP	1
NIP-53020	82599ES	2 10GbE SFP	0
NIP-52080	82580EB	8 GbE SFP	0
NIP-52040	82580EB	4 GbE SFP	0
NIP-51080	82580EB	8 GbE RJ45	0
NIP-51240	82580EB	4 GbE RJ45	2
NIP-51040	82580EB	4 GbE RJ45	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	82574L	4 GbE RJ45	2
ABN-454L	82574L	4 GbE RJ45	0

## Optional CPUs

Model	Cores/Threads	Frequency	Cache	TPD
E3-1275	4/8	3.40 GHz	8M	95 W
E3-1225	4/4	3.10 GHz	6M	95 W
i3-2120	2/4	3.30 GHz	3M	65 W

## ORDERING GUIDE

Model	Ethernet	Gen.2 Bypass	EZIO	PCI-E Expansion
CAR-4010	4 GbE RJ45 ports 4 GbE SFP ports	2	Optional	2**

\* PCI-E x16 interface offers one PCI-E x8 & one PCI-E x4 bandwidth  
\*\* One PCI-E x8 & One PCI-E x16