

CAR-4003

FoxHollow platform (Intel 3420), up to 20 GbE ports, PCI-Express 2.0



FEATURE

- Intel® Xeon® processor with Integrated memory and PCI-Express 2.0 controllers
- Intel Turbo Boost technology
- IPMI v2.0 with iKVM
- 80 Plus Certified ATX PSU
- Ready for PCIe2.0 5GT/s Ethernet controllers

SPECIFICATION

CPU Board	- Intel® LGA1156 Xeon® X3400/L3400, and Corei3/i5 processor - 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 feature	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	- 1 front accessible RJ45 connector for system console - 1 internal 2x5 pin connector for connecting with EZIO or other device
LCD Panel	Support 16x2 characters or 128x32/128x64 LCD module with buttons
LED	LED indicators for power status, storage access, Ethernet status/speed and bypass status
USB	Dual USB 2.0 ports
VGA	Built-in on-board 2x5 pin-header
Management	IPMI v2.0 with iKVM
Power	80 Plus bronze level Certified 300 W ATX PSU
Dimension	438(W) x 457(D) x 44(H) mm 17.20"(W) x 18.00"(D) x 1.73" (H)
Operation Environment	- Temperature: 5 to 35°C (41~95°F) - Humidity: 20% ~ 90%RH
Storage Environment	- Temperature: -20 to 70°C (-4~158°F) - Humidity: 5% ~ 95%RH
Certification	CE/FCC/UL



ORDERING GUIDE

Part No.	PCIe 2.0 Eth. Interface	EZIO	PCIe x4 Expansion
CAR-4003-4422	12 GbE RJ45	EZIO-300 or EZIO-G400	Optional
CAR-4003-4C22	16 GbE RJ45	EZIO-300 or EZIO-G400	Optional

Optional NIC

LAN Module	Ethernet Controller	Interface	Bypass
NIP-54020	82599EB	2 10GBASE-T	0
NIP-53020	82599ES	2 10G 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-482	82571EB	2 GbE SFP	1
ABN-484L	82574L	4 GbE RJ45	2
ABN-484	82571EB	4 GbE RJ45	2
ABN-464	82571EB	4 GbE SFP	0
ABN-458	82574L	8 GbE RJ45	0
ABN-454L	82574L	4 GbE RJ45	0
ABN-454	82571EB	4 GbE RJ45	0

Optional NIC

CPU	Core Freq.	Cache (MB)	Cores/Threads	TDP
Xeon X3450	2.67GHz	8	4/8	95
Xeon X3430	2.4GHz	8	4/8	95
Corei5-660	3.33GHz	4	2/4	73
Corei3-540	3.06GHz	4	2/4	73
Pentium G6950	2.8GHz	2	2/2	73