

CAR-5000

Jasper Forest(Intel 3420), up to 26 GbE ports, PCI-Express 2.0,IPMI v2.0



FEATURE

- Intel® Xeon® processor with integrated memory and PCI-Express 2.0 controllers
- Intel® Turbo Boost and power efficiency
- IPMI V2.0 with iKVM
- Ready for PCI-E 2.0 5GT/s solution
- Removable Ethernet and HDD expansion modules

SPECIFICATION

CPU Board	- Support LGA1366 Intel® processor Xeon® C5500/C3500 processors with 8M-2M L3 Cache - Intel® QPI 5.87GT/s processor bus
System Memory	- Six DDR3 240-pin DIMM sockets for each processor - Support DDR3 1333/1067/800 UDIMMs or RDIMMs, up to 48 GB
Ethernet Port	- Two PCI-E GbE ports for management - Capable for three flexible NIP modules, up to 24 GbE ports
Expansion Slot	One PCI-E x8 and two PCIe x4 slots (optional)
Storage Device	- Up to two 3.5" or six 2.5" SATA HDDs - 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 header for connecting with EZIO or other device
LCD Panel	Supports one optional 16x2 characters or 128x32/128x64 LCD module
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
Power	Full range 500W 1+1 redundant PSU
Dimension	431.8(W) x 580(D) x 88(H) mm 17.0"(W) x 22.8"(D) x 3.5" (H)
Operation Environment	- Temperature: 5 to 35°C (41~95°F) - Humidity: 20% ~ 90%RH
Storage Environment	- Temperature: 0 to 70°C (32~158°F) - Humidity: 5% ~ 95%RH
Certification	CE/FCC/UL (to be applied)











ORDERING GUIDE

Part No.	PCIe 2.0 Eth. Interface	EZIO	Expansion
CAR-5000-4E2G	2 copper GbE mgt. ports 12 copper GbE ports	EZIO-300, EZIO-G400 or EZIO-G500	Optional
CAR-5000-4I2K	2 copper GbE mgt. ports 16 copper GbE ports	EZIO-300, EZIO-G400 or EZIO-G500	Optional









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Casewell PCI-Express Gen.2

LAN module		Ethernet Controller	Interface	Bypass
NIP-53120		intel® 82599ES	2 10G SFP+	1
NIP-55140		intel® 82580EB	2 GbE RJ45 & 2GbE SFP	1
NIP-53020		intel® 82599ES	2 10G SFP+	0
NIP-52080		intel® 82580EB	8 GbE SFP	0
NIP-52040		intel® 82580EB	4 GbE SFP	0
NIP-51080		intel® 82580EB	8 GbE RJ45	0
NIP-51240		intel® 82580EB	4 GbE RJ45	2
NIP-51040		intel® 82580EB	4 GbE RJ45	0

Casewell NIP

ABN-668		intel® 82575EB	8 GbE SFP	0
ABN-482		intel® 82571EB	2 GbE SFP	1
ABN-484L		intel® 82574L	4 GbE RJ45	2
ABN-484		intel® 82571EB	4 GbE RJ45	2
ABN-464		intel® 82571EB	4 GbE SFP	0
ABN-458		intel® 82574L	8 GbE RJ45	0
ABN-454L		intel® 82574L	4 GbE RJ45	0
ABN-454		intel® 82571EB	4 GbE RJ45	0

CPU	Clock	Core/Thread	QPI	L3 Cache	Memory	MAX TDP	Turbo	Socket
LC5528	2.13	4C/8T	4.8	8MB	1066	60W	YES	LGA1366
LC5518	1.73	4C/8T	4.8	8MB	1066	48W	YES	LGA1366
EC5549	2.53	4C/8T	5.87	8MB	1333	85W	YES	LGA1366
EC5539	2.27	2C/2T	5.87	4MB	1333	65W	NO	LGA1366
EC5509	2.0	4C/4T	4.8	8MB	1066	85W	NO	LGA1366
LC3528	1.73	2C/4T	N/A	4MB	1066	35W	YES	LGA1366
LC3218	1.73	1C/1T	N/A	2MB	800	23W	NO	LGA1366
EC3539	2.13	4C/4T	N/A	8MB	1066	65W	NO	LGA1366
P1053	1.3	1C/2T	N/A	2MB	800	30W	NO	LGA1366