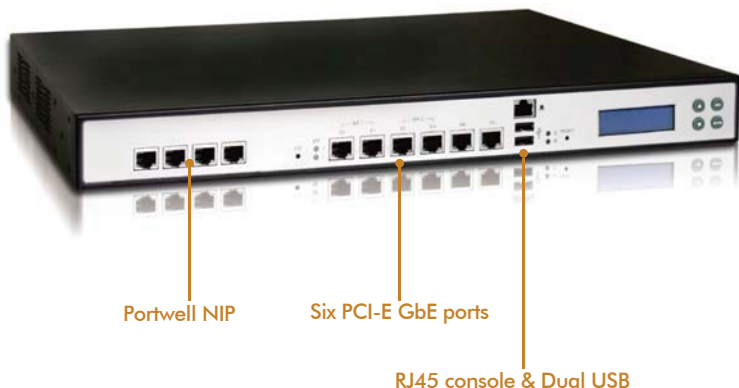


# CAR-3020

Crystal Forest (Gladden) based Network Appliance, support up to 14 GbE ports



## FEATURE

- Support Intel® BGA 1284 Crystal Forest (Gladden) CPU
- 2 DIMMs DDR3 (Dual-channel)
- 6 GbE ports / 2 Bypass Gen2.0
- Expandable with 10 GbE ports (RJ45 or SFP)
- 1 x 3.5" or 2 x 2.5" SATA HDD



## SPECIFICATION

CPU Board	- Intel® Celeron 725C to E3-1125C CPU - Intel® DH89xx PCH with QAT
System Memory	- Dual channel DDR3 with four 240-pin DIMM sockets - Supports both DDR3 and DDR3 ECC 1333/1066 up to 16 GB
Ethernet Port	6 GbE RJ45 ports
Bypass feature	2 x Gen2.0 segment
Expansion	PCI-E x8 for NIP or NIC
Storage Device	- Optional one 3.5" or two 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 button
LEDS	Power status, data access, Ethernet status (LNK/ACT), and Ethernet speed (10/100/1000) and bypass
USB	Dual USB 2.0, front accessible
Power	80Plus 250Wfull-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 @ 55°C
Certification	CE/FCC/UL

### Optional CPUs

Model	Cores/Threads	Frequency	Cache	TPD
E3-1125C	4/8	2.00 GHz	8M	40 W
E3-1105C	4/8	1.00 GHz	6M	25 W
i3-2115C	2/4	2.00 GHz	3M	25 W
B915C	2/4	1.50 GHz	3M	15 W
725C	1/2	1.30 GHz	1.5	10 W



Full-range 250W ATX PSU

## ORDERING GUIDE

Model No.	CAR-3020
Ethernet	6 GbE RJ45 ports
Bypass	2
EZIO	Optional
PCI-E Expansion	One

### Optional NIP

LAN Module	Ethernet Controller	Interface	Bypass
NIP-51040	82580EB	4 GbE RJ45	0
NIP-51240	82580EB	4 GbE RJ45	2
NIP-51080*	82580EB	8 GbE RJ45	0
NIP-51081*	82580EB	8 GbE RJ45	0
NIP-51082*	+82580EB	8 GbE RJ45	0
NIP-52020	82580DB	2 GbE SFP	0
NIP-52120	82580DB	2 GbE SFP	1
NIP-52040	82580EB	4 GbE SFP	0
NIP-52080*	82580EB	8 GbE SFP	0
NIP-53020	82599ES	2 10GbE SFP+	0
NIP-53120	82599ES	2 10GbE SFP+	1
NIP-55140	82580EB	2 GbE RJ45 2 GbE SFP	0
NIP-61041	CN1620 82580EB	4 GbE RJ45	0
NIP-62041	CN1620 82580EB	4 GbE SFP	0
NIP-70001	CN1620	N/A	0

\* Project Base