

Network Security & Management

CAR-4040

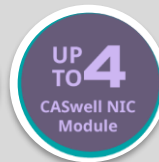
Intel Coffee Lake Platform,
Support up to 32 GbE Ports



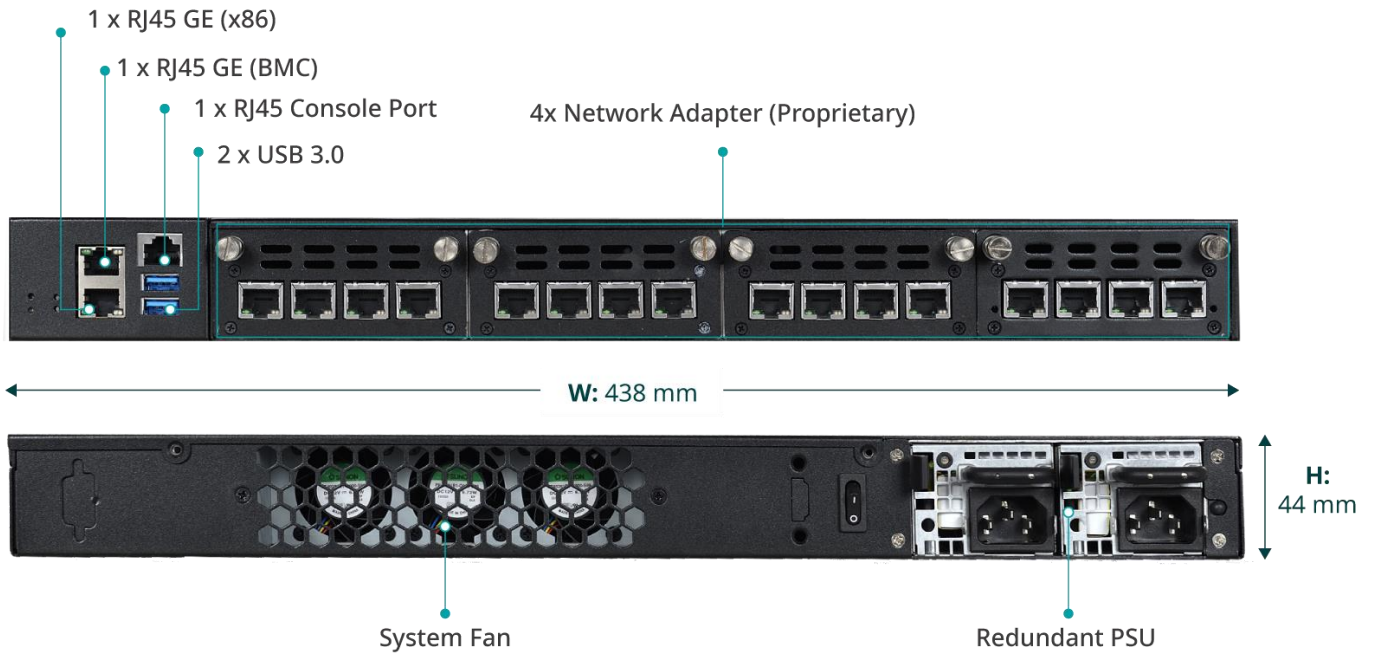
Key Features

- Intel Coffee Lake platform
- 4 x DDR4 ECC RDIMMs up to 2666MHz
- Up to 4 front-access NIC module supported
- RPSU, N+1 Fans solution, IPMI System thermal integrate solution.

High-End Hardware for Advanced and Demanding Networking



The new CAR-4040 network appliance to handle the most demanding and advanced network tasks including the rising SD-WAN. This device supports the latest Intel Coffee Lake processors with up to six CPU cores. It's a flexible solution for every customer requirement and can be equipped with an Intel Xeon E3 v5 processor but Core i7/i5/i3 and even Pentium and Celeron of Intel's 8th Core Generation are also available. The CAR-4040 supports four DDR4-2666 ECC DRAM modules with a memory capacity of up to 64 GByte overall to handle many simultaneous tasks. Four proprietary network interface cards (NIC) using PCI Express 3.0 (x8 lanes) support up to 32 10-Gbit-Ethernet ports for highly parallel networking. Four SATA/SAS 3.5" hard drives and one M.2 SATA SSD can be installed for both fast and extensive storage.



Hardware Specification

Platform	
Processor	Intel Xeon, Corei7/i5/i3 Processor (Coffee Lake)
Chipset	Intel C246 PCH (Coffee Lake)
System Memory	4 x DDR4 ECC 2666MHz DIMMs
Ethernet Port	Up to 32 x RJ45/SFP GbE Ports
Bypass	Based on NIC Module or Standard add-on card
Expansion	Up to 4 PCIe Gen3 x 8 for CASwell NIC Module
Storage Device	2 x 2.5" SATA/SAS HDDs 1 x M.2 Socket
Power Supply	300W Redundant PSU
Dimension (WxDxH)	438mm x 553mm x 44mm (17.24" x 21.77" x 1.73")
I/O	
Serial Port	1 x RJ-45 System Console Port
USB Port	2 x USB 3.0 Ports
Display Output	Optional from LOM or VGA module
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	PSU / LAN / Power / HDD / Ethernet
LOM	IPMI 2.0 w/ GbE speed
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F) Humidity: 20 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F) Humidity: 5 - 95% RH @ 55°C
Certification	CE/FCC/UL
OS Support	Linux Kernel