

Network Security & Management

CAR-4020

Intel Haswell-EP
1U Appliance,
Support up to 24 GbE Ports



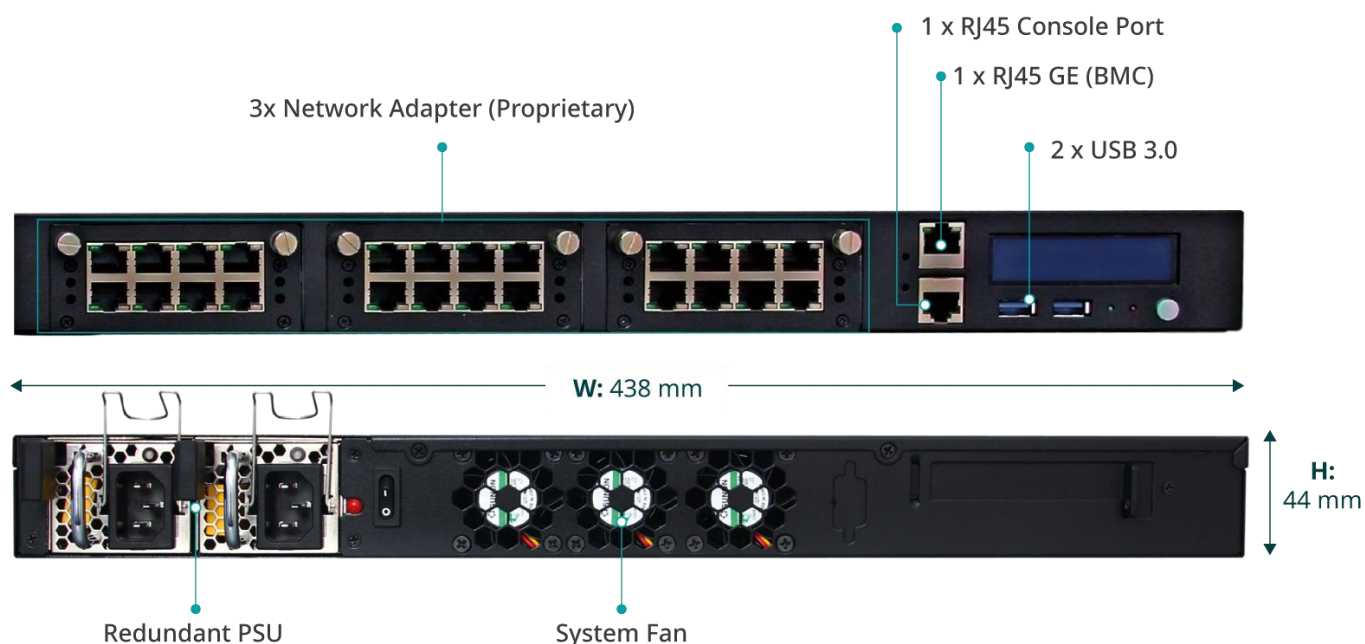
Key Features

- Intel 4th Generation (Haswell Series) Core Processor
- On-board Ethernet Ports and Network Module Expansion
- Tilara Gx36 Many-core Network Adapter Support
- Redundant Power Supply Unit & System Management (IPMI 2.0) Support



Optional CPUs

Model	Cores/Threads	Frequency	Cache	TDP
Intel Xeon E3-1275 v3	4	3.50GHz (3.90GHz)	8MB	84W
Intel Xeon E3-1225 v3	4	3.20GHz (3.60GHz)	8MB	84W
Intel Xeon E3-1268L v3	4	2.30GHz (3.30GHz)	8MB	45W
Intel Core i3-4330	2	3.50GHz	4MB	54W
Intel Pentium G3420	2	3.20GHz	3MB	53W
Intel Core i5-4570TE	2	2.70GHz (3.30GHz)	4MB	35W
Intel Core i3-4330TE	2	2.40GHz	4MB	35W
Intel Pentium G3320TE	2	2.30GHz	3MB	35W



Hardware Specification

Platform	
Processor	Intel Xeon E3 v3, Core i5/i3, Pentium Processor (Haswell)
Chipset	Intel C226 PCH
System Memory	4 x DDR3 ECC 1600MHz DIMMs, up to 32GB
Ethernet Port	Up to 24 x RJ45/SFP GbE Ports
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 2 PCIe Gen3 x8 for CASwell NIC Module Up to 1 PCIe Gen2 x4 for CASwell NIC Module Up to 1 PCIe Gen2 x8 for Standard NIC Module
Storage Device	4 x 2.5" SATA HDDs or 1 x 3.5" SATA HDDs 1 x CF Socket
Power Supply	300W Redundant PSU 250W 80Plus ATX 250W DC 48V input
Dimension (WxDxH)	438mm x 483mm x 44mm (17.14" x 19.02" x 1.73")
I/O	
Serial Port	1 x RJ-45 / Micro USB System Console Port 1 x 2x5 pin-header for EZIO
USB Port	2 x USB 3.0 Ports
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD
LOM	IPMI 2.0 w/ GbE speed (Optional)
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