

Network Security & Management

CAR-6002

Intel Xeon E5 2U Appliance Support up to 50 GbE Ports



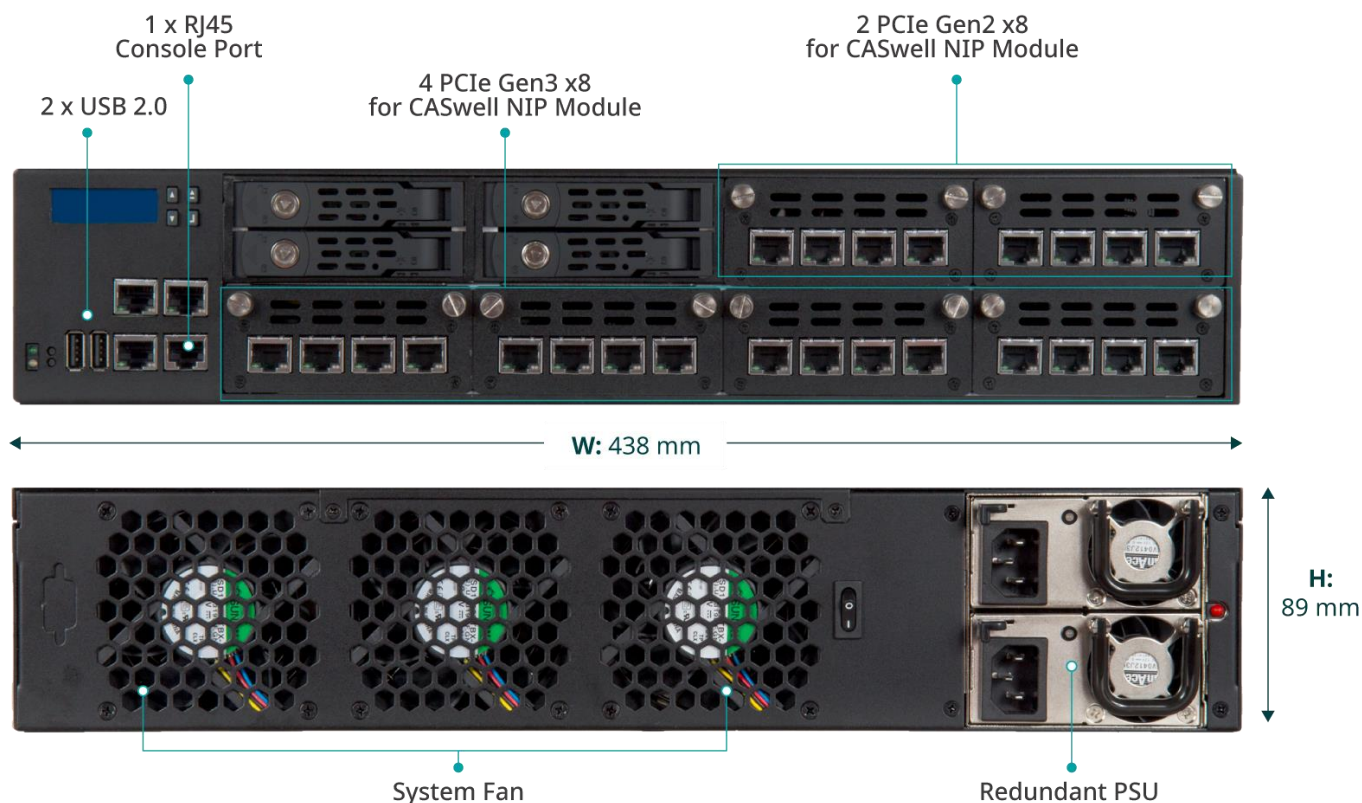
Key Features

- Intel Xeon E5 v3 (Haswell-EP) & v4 (Broadwell-EP) Processor
- DDR4 ECC 2133MHz Memory (Max. 256GB, 8 Slots)
- On-board Ethernet Ports and Network Module Expansion
- Redundant Power Supply Unit & System Management (IPMI 2.0) Support



Optional CPUs

Model	Cores/Threads	Frequency	Cache	TDP
Intel Xeon E5-2699 v4	12	2.50GHz (3.30GHz)	30MB	120W
Intel Xeon E5-2683 v4	16	2.10GHz (3.0GHz)	40MB	120W
Intel Xeon E5-2680 v4	14	2.40GHz (3.30GHz)	35MB	120W
Intel Xeon E5-2658 v4	14	2.30GHz (3.30GHz)	35MB	105W
Intel Xeon E5-2620 v4	8	2.10GHz (3.0GHz)	20MB	85W
Intel Xeon E5-2618L v4	10	2.20GHz (3.20GHz)	25MB	75W
Intel Xeon E5-2680 v3	12	2.50GHz (3.30GHz)	30MB	120W
Intel Xeon E5-2658 v3	12	2.20GHz (2.90GHz)	30MB	105W
Intel Xeon E5-2650 v3	8	2.0GHz (2.8GHz)	20MB	95W
Intel Xeon E5-2648L v3	12	1.80GHz (2.5GHz)	30MB	75W
Intel Xeon E5-2640 v3	8	2.60GHz (3.40GHz)	20MB	90W
Intel Xeon E5-2620 v3	6	2.40GHz (3.20GHz)	15MB	85W
Intel Xeon E5-2628L v3	10	2.00GHz (2.50GHz)	25MB	75W
Intel Xeon E5-2618L v3	8	2.30GHz (3.40GHz)	20MB	75W
Intel Xeon E5-2609 v3	6	1.90GHz	15MB	85W
Intel Xeon E5-2608L v3	6	2.00GHz	15MB	52W



Hardware Specification

Platform	
Processor	Intel Xeon Processor E5 Family (Haswell-EP / Broadwell-EP)
Chipset	Intel C612 PCH (Wellsburg)
System Memory	8 x DDR4 ECC 2133MHz RDIMMs
Ethernet Port	Up to 50 x RJ45/SFP GbE Ports
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 4 PCIe Gen3 x8 for CASwell NIC Module Up to 2 PCIe Gen2 x8 for CASwell NIC Module
Storage Device	4 x 2.5" Swappable SATA/SAS HDDs 1 x CF Socket
Power Supply	420W Redundant PSU
Dimension (WxDxH)	438mm x 550mm x 89mm (17.25" x 21.65" x 3.5")
I/O	
Serial Port	1 x RJ-45 System Console Port
USB Port	2 x USB 2.0 Ports
Display Output	1 x VGA Port (Optional from LOM or VGA module)
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD / Ethernet
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

