

Network Security & Management

COS-A411

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



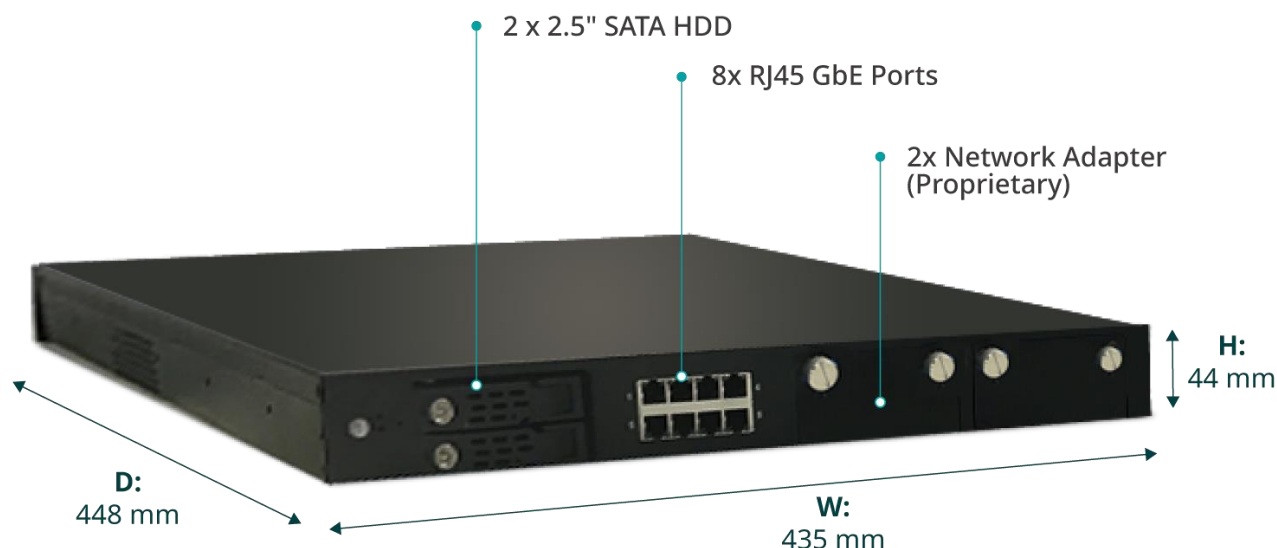
Key Features

- Intel® Xeon E3 v3 (Haswell-WS) Processor
- 4x DDR3 Long DIMM, ECC 1600 MHz, Max. capacity up to 8 GB
- 1x C226 Platform Controller Hub (PCH)
- 8x RJ-45 GbE Ethernet ports
- 3x optional network adapters (proprietary; PCIe Gen. III, 8x lanes, 8x Lanes; PCIe Gen. II, 4x Lanes)
- 4x USB 3.0, 2x RJ-45 management Ethernet ports, 1x RJ-45 Console, 1x VGA, 1x PS2, 2x SATA 3.0 HDD



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 8GB
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
Storage Device	2 x 2.5" SATA HDDs
Power Supply	300W PSU
Dimension (WxDxH)	435mm x 448mm x 44mm
I/O	
Serial Port	1 x RJ-45 System Console Port 2 x RJ-45 Ethernet Ports for Management
USB Port	4 x USB 3.0 Ports
Display Output	1 x VGA Port
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