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CAR-6060

2U Network Appliance Powered by Intel Xeon 6 Processor for Next-Generation AI-Ready Cybersecurity



- 1x Intel Xeon 6 Processor (Granite Rapids-SP)
- 16x DDR5 RDIMM Memory, up to 6400 MHz
- 8x Portwell NIN Modules (PCIe 5.0 x8 each) or
- 4x Portwell NIN Modules & 2x FHFL PCIe 5.0 x16 slots
- 1x HHHL PCI Express Gen.5 x8 expansion slot (internal)
- Storage: 2x M.2 2280 onboard (SATA HDD/SSD optional with M.2 adapter)

Specifications

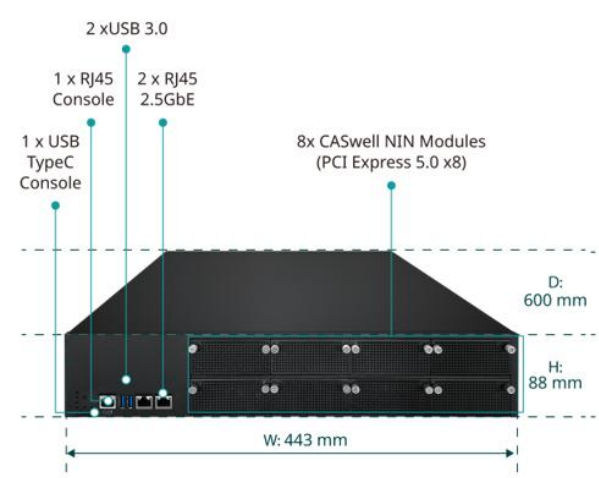
Platform	
Processor	1 x Intel Xeon 6 Processor (Granite Rapids-SP)
Chipset	-
System Memory	16 x DDR5 ECC 6400MHz RDIMMs
Max Memory	Up to 768GB
Ethernet Port	1 x RJ45 2.5GbE Port(s) on board,
Bypass	Based on Portwell NIC Module or Standard add-on card
Expansion	SKU A: 8 x PCIe 5.0 x8 for Portwell NIN Modules, SKU B: 2 x Full Height Full Length PCIe 5.0 x16 cards & 4 x NIN modules, 1 x Half Height Half Length PCIe 5.0 x8 card
Storage Device	2 x 2280 M.2 (PCIe 4.0 x4), 2 x SATA optional with M.2 adapter
Power Supply	1600W Redundant PSU
Dimension (WxDxH)	443mm x 600mm x 88mm (17.72" x 24" x 3.52")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port, 1 x USB Type-C Console Port, 1 x RJ45 Port (IPMI)
USB Port	2 x USB 3.0 Port(s)
Display Output	-
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters (optional)
LED	PWR1 / PWR2 / System / Storage

Operations & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F), Humidity: 10 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
Certification	CE / FCC Class A (project based)
OS Support	Linux

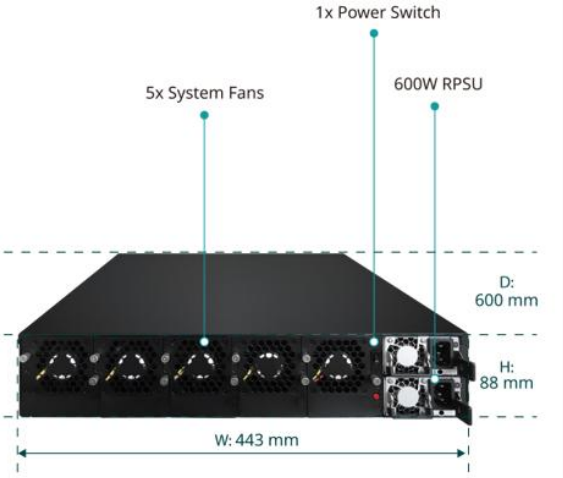
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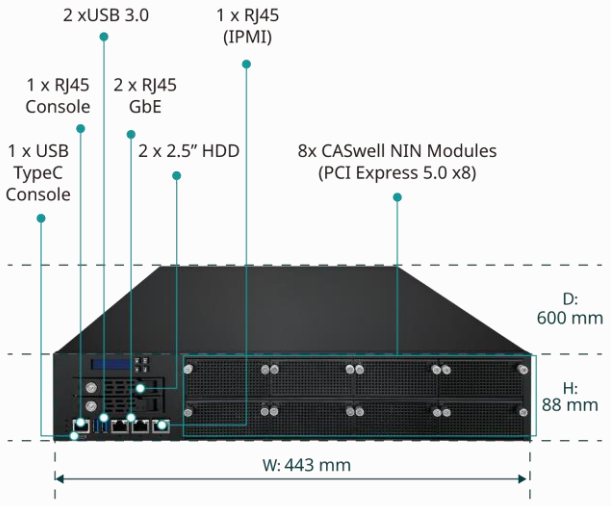
Front I/O



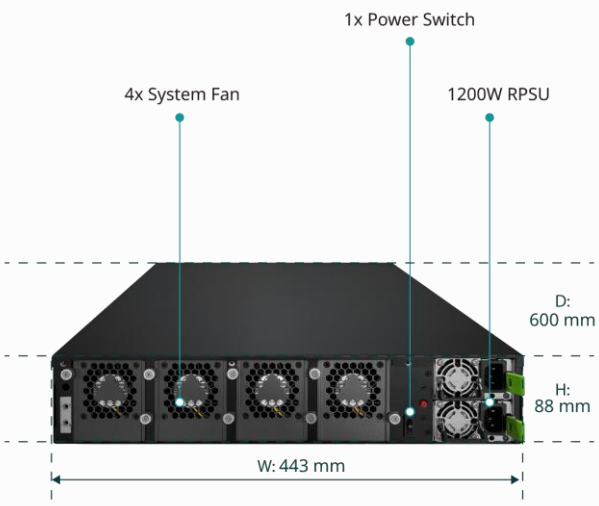
Back I/O



Front I/O



Back I/O



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Ordering Information

System	
SKU	**Description**

Optional CPUs

Model	Core/Thread	Frequency (Max.)	TDP
Intel Xeon 6505P	12C/24T	2.2 GHz (4.1 GHz)	150W
Intel Xeon 6515P	16C/32T	2.3 GHz (3.8 GHz)	150W
Intel Xeon 6517P	16C/32T	3.2 GHz (4.2 GHz)	190W
Intel Xeon 6520P	24C/48T	2.4 GHz (4.0 GHz)	210W
Intel Xeon 6521P	24C/48T	2.6 GHz (4.1 GHz)	225W
Intel Xeon 6530P	32C/64T	2.3 GHz (4.1 GHz)	225W
Intel Xeon 6731P	32C/64T	2.5 GHz (4.1 GHz)	245W
Intel Xeon 6736P	36C/72T	2.0 GHz (4.1 GHz)	205W
Intel Xeon 6740P	48C/96T	2.1 GHz (3.8 GHz)	270W
Intel Xeon 6781P	80C/160T	2.0 GHz (3.8 GHz)	350W

Optional NICs

Model	Type	Manufacturer	Number of Ports
NIN-51040	Ethernet	Intel I350 AM4	4 x 1GbE RJ45
NIN-51081	Ethernet	Intel I350 AM4	8 x 1GbE RJ45
NIN-51240	Bypass	Intel I350 AM4	4 x 1GbE RJ45
NIN-51481	Bypass	Intel I350 AM4	8 x 1GbE RJ45
NIN-52040	Ethernet	Intel I350 AM4	4 x 1GbE SFP
NIN-52081	Ethernet	Intel I350 AM4	8 x 1GbE SFP
NIN-52120	Bypass	Intel I350 AM2	2 x 1GbE SFP (SX)
NIN-52240	Bypass	Intel I350 AM4	4 x 1GbE SFP (SX)
NIN-52241	Bypass	Intel I350 AM4	4 x 1GbE SFP (LX)
NIN-55280	Bypass	Intel I350 AM4	4 x 1GbE RJ45 + 4 x 1GbE SFP
NIN-83020	Ethernet	Intel X710-BM2	2 x 10GbE SFP+
NIN-83040	Ethernet	Intel XL710-BM1	4 x 10GbE SFP+
NIN-83120	Bypass	Intel X710-BM2	2 x 10GbE SFP+
NIN-83121	Bypass	Intel X710-BM2	2 x 10GbE SFP+

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