

CAR-6050

AMD EPYC High-Performance Multi-Networking Solution

Single AMD Turin Socket SP5: 6096pins (TDP 500W)
DDR5-6400 Memory (up to 12 RDIMMs)
Up to 8x CASwell Proprietary NIN Modules (PCIe 5.0 x8 design)
2x 2280 M.2 Socket (PCIe4.0x4)
Redundant Power Supply Unit (CRPS, up to 1600W)



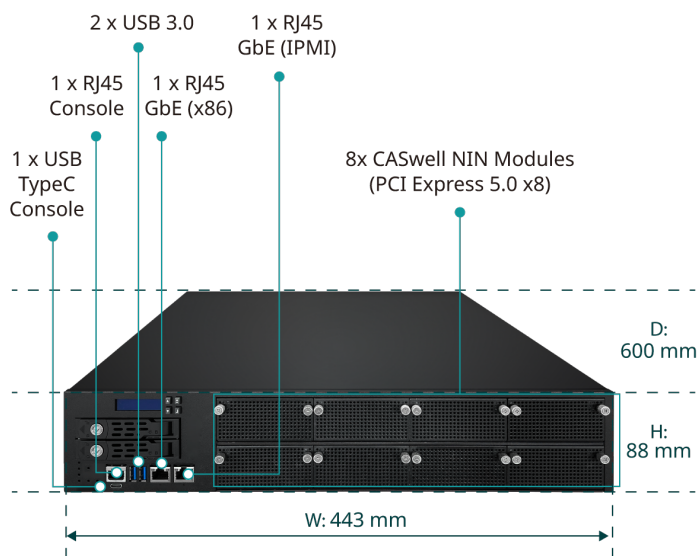
Specifications

Model Name	
Platform	
Processor	1 x AMD EPYC Gen. 5 Processor (Turin)
Chipset	-
System Memory	12 x DDR5 6400MHz RDIMMs
Max Memory	-
Ethernet Port	Up to 64 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 8 PCIe Gen5 x 8 for CASwell NIN Modules
Storage Device	2x M.2 2280_M-key Socket (PCIe gen4 x4 or SATA 3.0), 4 x SATA 3.0 port
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 / USB Type C System Console Port, 1 x RJ45 GbE Port (MGMT)
USB Port	2 x USB 3.0 Port(s)
Display Output	-
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / PSU / HDD / Ethernet
LOM	IPMI 2.0 w/ GbE Speed
Operation & 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
OS Support	Linux

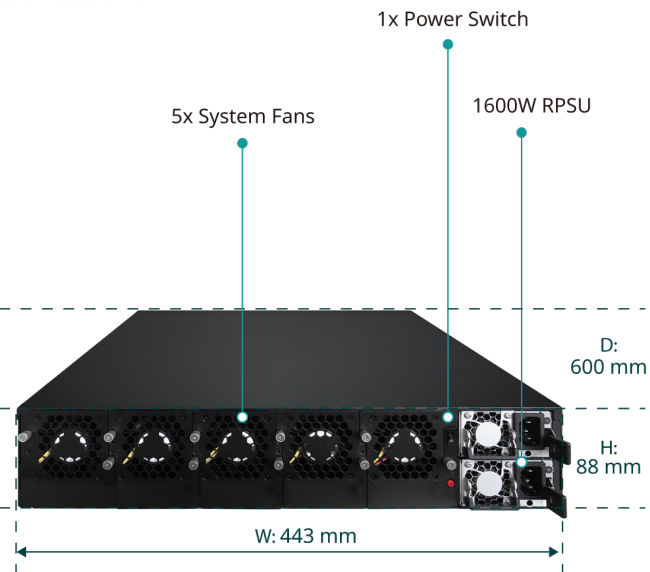
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Front I/O



Back I/O



Ordering Information

System			
SKU	Description		

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
AMD EPYC 9015	8C/16T	3.6GHz (4.1GHz)	125W
AMD EPYC 9135	16C/32T	3.65GHz (4.3GHz)	200W
AMD EPYC 9255	24C/48T	3.2GHz (4.3GHz)	200W
AMD EPYC 9335	32C/64T	3GHz (4.4GHz)	210W
AMD EPYC 9355	32C/64T	3.55GHz (4.4GHz)	280W
AMD EPYC 9355P	32C/64T	3.55GHz (4.4GHz)	280W
AMD EPYC 9455	48C/96T	3.15GHz (4.4GHz)	300W
AMD EPYC 9455P	48C/96T	3.15GHz (4.4GHz)	300W
AMD EPYC 9535	64C/128T	2.4GHz (4.3GHz)	300W
AMD EPYC 9555	64C/128T	3.2GHz (4.4GHz)	360W
AMD EPYC 9555P	64C/128T	3.2GHz (4.4GHz)	360W
AMD EPYC 9655	96C/192T	2.6GHz (4.5GHz)	400W
AMD EPYC 9655P	96C/192T	2.6GHz (4.5GHz)	400W
AMD EPYC 9745	128C/256T	2.4GHz (3.7GHz)	400W

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+ (SR)
NIN-83121	Bypass	Intel X710-BM2	2 x 10GbE SFP+ (LR)



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