

CAR-2100

Scalable, Secure, and Future-Ready 1U Network Appliance With Up To 20 Ethernet Ports



Intel Core, Pentium Gold & Celeron (Raptor/Alder Lake) CPU
2x DDR5-5600/4800/4400/4000/3600 main memory, up to 128 GB
8x 2.5GbE RJ45 onboard with Network Bypass
4x RJ45/SFP GbE (optional)
Up to 8x Ethernet Ports by optional NIN module
2x SATA, 1x M.2 storage (depending on SKU)
1x LCD (EZIO-38x) or 1x iSAM storage module for 2x 2.5" drives

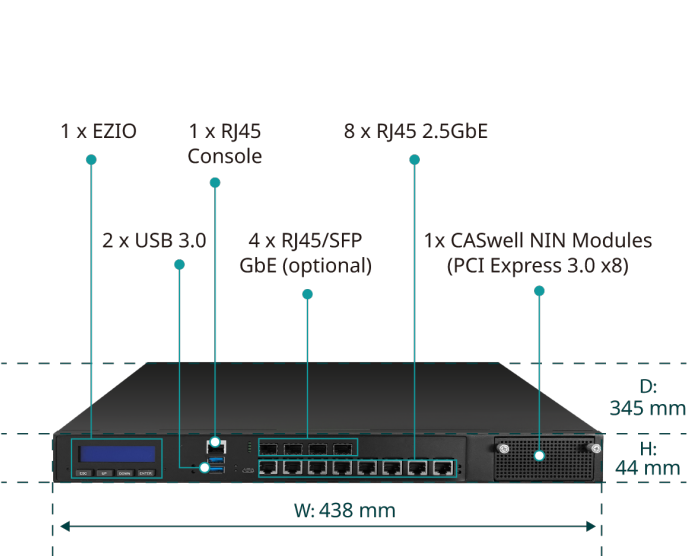
Specifications

Model Name	
Platform	
Processor	1 x Intel Core i9/i7/i5/i3, Pentium, Celeron Processor (Raptor/Alder Lake)
Chipset	Intel R680E/H610E PCH (Alder/Raptor Lake)
System Memory	2 x DDR5 ECC 3600-5600MHz UDIMMs
Max Memory	Up to 128GB
Ethernet Port	8 x RJ45 2.5GbE Port(s) on board, Up to 20 x Ethernet Port(s)
Bypass	2 segment(s) on board
Expansion	1 x PCIe Gen3 x8 for CASwell NIC Module, 1 x PCIe Gen3 x4 for daughter board with 4 x RJ45/SFP
Storage Device	2 x SATA 3.0 SSD/HDD, 1x M.2 2280 (SATA 3.0 or PCIe 3.0 x4)
Power Supply	150W Single PSU
Dimension (WxDxH)	438mm x 344mm x 44mm (17.52" x 13.76" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port, 1 x USB Type C Console Port
USB Port	3 x USB 3.0 Port(s)
Display Output	1 x HDMI Port (Optional)
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
LED	Power / HDD / Bypass
LOM	-
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

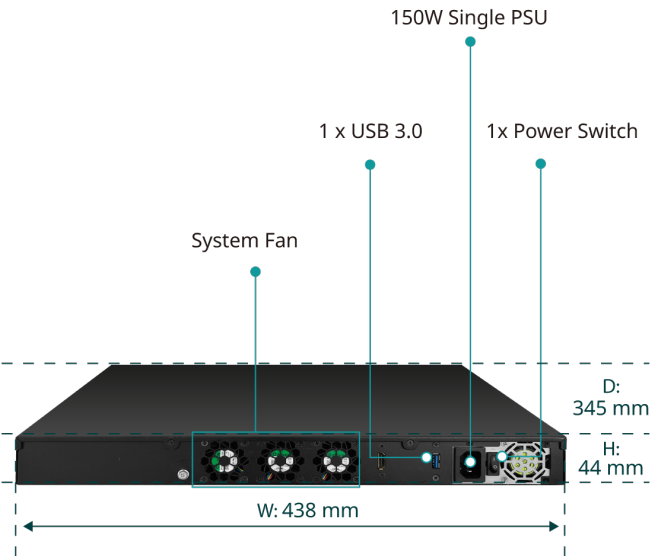
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Front I/O



Back I/O



Ordering Information

System			
SKU	Description		
Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Celeron G6900E	2P/2T	3.0GHz	46W
Intel Celeron G6900TE	2P/2T	2.4GHz	35W
Intel Core i3-12100E	4P/8T	3.2GHz (4.2GHz)	60W
Intel Core i3-12100TE	4P/8T	2.1GHz (4.0GHz)	35W
Intel Core i3-13100E	4P/8T	3.3GHz (4.4GHz)	60W
Intel Core i3-13100TE	4P/8T	2.4GHz (4.1GHz)	35W
Intel Core i5-12500E	6P/12T	2.9GHz (4.5GHz)	65W
Intel Core i5-12500TE	6P/12T	1.9GHz (4.3GHz)	35W
Intel Core i5-13400E	4E+6P/16T	2.4GHz (4.6GHz)	65W
Intel Core i5-13500E	8E+6P/20T	2.4GHz (4.6GHz)	65W
Intel Core i5-13500TE	8E+6P/20T	1.3GHz (4.5GHz)	35W
Intel Core i7-12700E	4E+8P/20T	2.1GHz (4.8GHz)	65W
Intel Core i7-12700TE	4E+8P/20T	1.4GHz (4.6GHz)	35W
Intel Core i7-13700E	8E+8P/24T	1.9GHz (5.1GHz)	65W
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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