

CAR-2085

1U Network Appliance With Intel Atom "Snow Ridge" SoC, Broadcom Enterprise Edge Switch



Intel Atom P5000 "Snow Ridge" SoC
2x DDR4-2666 ECC DIMMs, up to 128GB
Broadcom Hurricane3 (BCM56160) Switch
4x 10-GbE SFP+, 8x GbE RJ45, 4x GbE & 4x 2.5-GbE RJ45 PoE+
1x Standard NIC (PCIe 3.0 x16)
WiFi & 5G/LTE modem optional

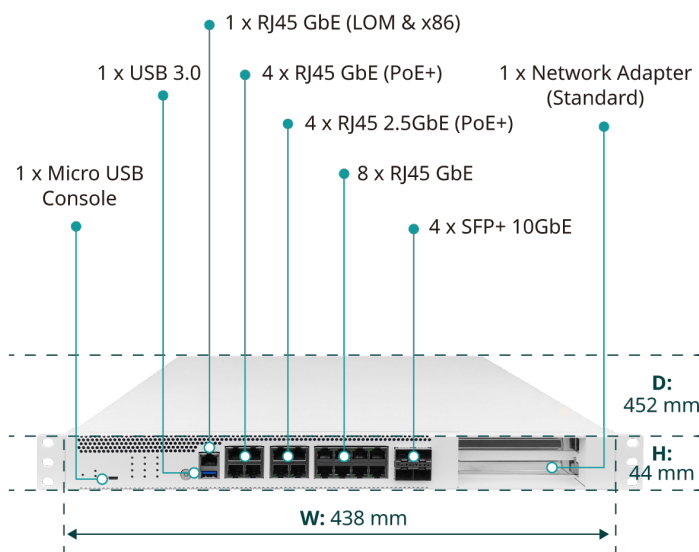
Specifications

Model Name	
Platform	
Processor	1 x Intel Atom P Processor (Snow Ridge)
Chipset	-
System Memory	2 x DDR4 ECC 2666MHz UDIMMs/RDIMMs
Max Memory	Up to 128GB
Ethernet Port	12 x RJ45 GbE Port(s) on board, 4 x RJ45 2.5GbE Port(s) on board, 4 x SFP+ 10 GbE Port(s) on board, Up to 20 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 1 PCIe Gen3 x 16 for Standard NIC Module, Up to 1 mPCIe Slot for Wi-Fi Module , Up to 1 M.2 Slot for 4G/5G LTE Module
Storage Device	1 x M.2 slot for PCIe SSD (2280, B+M key)
Power Supply	600W Single PSU
Dimension (WxDxH)	438mm x 452mm x 44mm (17.52" x 18.08" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x Micro USB Console Port, 1 x RJ45 GbE (LOM & x86)
USB Port	3 x USB 3.0 Port(s)
Display Output	1 x VGA Port (Optional from LOM or VGA module)
LCD Panel	-
LED	Power / PSU / HDD / Ethernet
LOM	IPMI 2.0 w/ GbE Speed
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
Certification	CE / FCC
OS Support	Linux

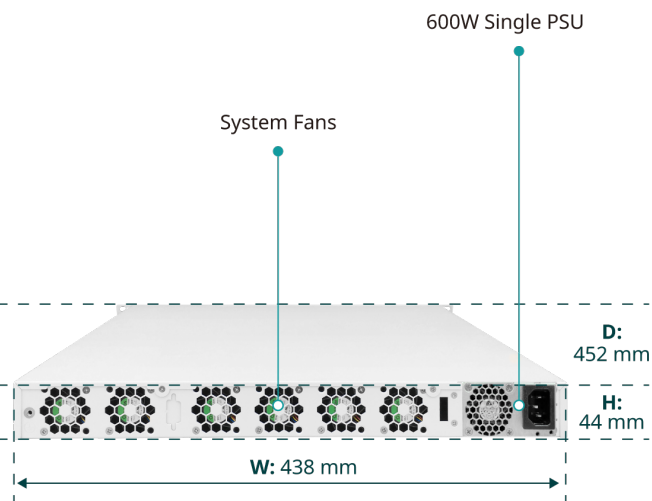
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Front I/O



Back I/O



Ordering Information

System			
SKU	Description		
CAR-2085	1U, 1 x Intel Atom P5000 SoC, 2 x DDR4 ECC UDIMMs/RDIMMs, 8 x RJ45 GbE, 4 x SFP+ 10GbE, 4 x RJ45 2.5GbE (PoE+), 4 x RJ45 GbE (PoE+), 600W Single PSU, 1 x STD NIC, Broadcom Hurricane3 (BCM56160) Switch		

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP

Optional NICs			
Model	Type	Manufacturer	Number of Ports



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