

# 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

<b>Platform</b>	
<b>Processor</b>	1 x Intel Atom P Processor (Snow Ridge)
<b>System Memory</b>	2 x DDR4 ECC 2666MHz UDIMMs/RDIMMs
<b>Ethernet Port</b>	12 x RJ45 GbE Port(s) on board, 4 x RJ45 2.5GbE Port(s) on board, 4 x SFP+ 10GbE Port(s) on board, Up to 20 x Ethernet Port(s)
<b>Bypass</b>	Based on CASwell NIC Module or Standard add-on card
<b>Expansion</b>	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
<b>Storage Device</b>	1 x M.2 slot for PCIe SSD (2280, B+M key)
<b>Maximum memory</b>	Upto 128GB
<b>Power Supply</b>	600W Single PSU
<b>Dimension</b>	438mm x 452mm x 44mm (17.52" x 18.08" x 1.76")
<b>I/O</b>	
<b>Management Console</b>	1 x Micro USB Console Port, 1 x RJ45 GbE (LOM & x86)
<b>USB Port</b>	3 x USB 3.0 Port(s)
<b>Display Output</b>	1 x VGA Port (Optional from LOM or VGA module)
<b>LED</b>	Power / PSU / HDD / Ethernet
<b>LOM</b>	IPMI 2.0 w/ GbE Speed

### Operations & Certifications

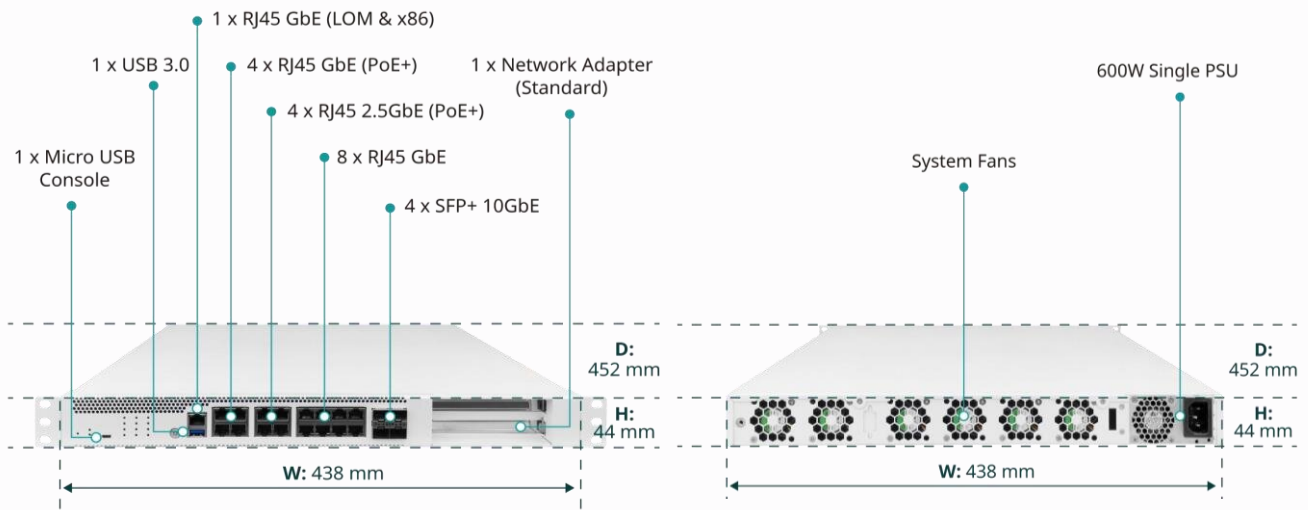
<b>Operating Environment</b>	Temperature: 0 - 40°C (32 - 104°F), Humidity: 20 - 90% RH
<b>Storage Environment</b>	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
<b>Certification</b>	CE / FCC
<b>OS Support</b>	Linux

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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

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