

CAR-2080

Intel Coffee Lake (Refresh) 1U
Appliance, support up to 18
GbE Ports



- Intel Coffee Lake / Coffee Lake Refresh Processor
- 1 x front-access CASwell NIC Module
- 2 x DDR4 2666MHz UDIMMs up to 64GB
- 2 x USB 3.0, 1x RJ45 Console
- 2 x Segment Bypass 3.0
- 6 x GbE RJ45 Ports (6x Intel i210-AT, co-layout with i211-AT)

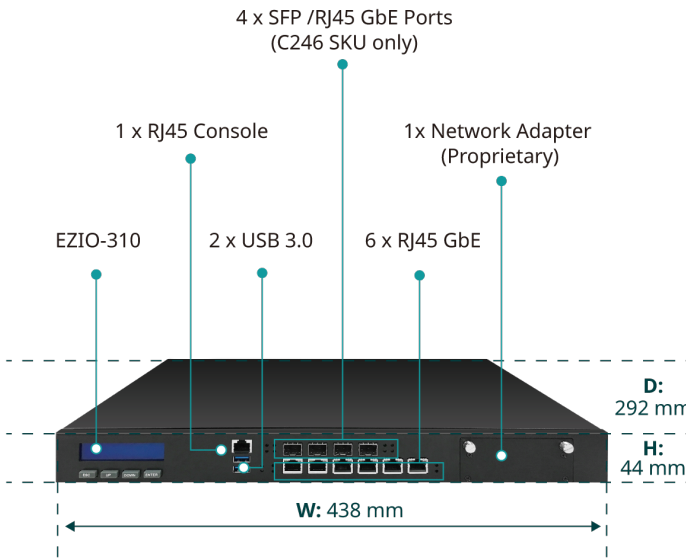
Specifications

Model Name	
Platform	
Processor	1 x Intel Core i7/i5/i3, Pentium, Celeron Processor (Coffee Lake/Coffee Lake Refresh)
Chipset	Intel C246 PCH (Coffee Lake)
System Memory	2 x DDR4 ECC 2666MHz UDIMMs
Max Memory	Up to 64GB
Ethernet Port	6 x RJ45 GbE Port(s) on board, 4 x SFP GbE Port(s) on board, Up to 18 x Ethernet Port(s)
Bypass	2 segment(s) on board
Expansion	Up to 1 PCIe Gen3 x 8 for CASwell NIC Module, Up to 1 PCIe Gen3 x 4 for upper daughter board
Storage Device	3 x SATA 3.0 HDDs, 1 x M.2 B Key (SATA 3.0)
Power Supply	150W Single PSU
Dimension (WxDxH)	438mm x 292mm x 44mm (17.52" x 11.68" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port
USB Port	2 x USB 3.0 Port(s)
Display Output	-
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: 20 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
Certification	CE / FCC / UL / VCCI / RCM / CB / UKCA / IC / JATE / TUV / ML
OS Support	Linux

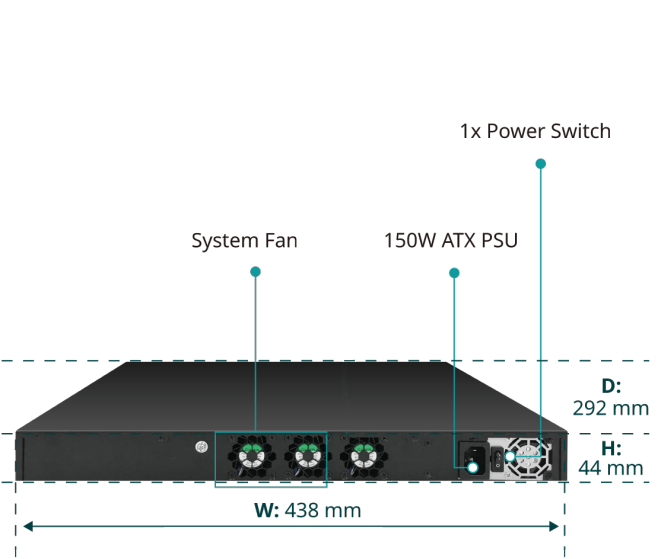
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAR-2080-C246-1	1U, 1 x Intel Core i7/i5/i3, Pentium or Celeron, C246 PCH, 2 x DDR4 ECC UDIMMs, 6 x RJ45 GbE, 4 x SFP GbE, 150W Single PSU, 1 x NIP, 1 x STD NIC, Bypass
CAR-2080-C246-2	1U, 1 x Intel Core i7/i5/i3, Pentium or Celeron, C246 PCH, 2 x DDR4 ECC UDIMMs, 10 x RJ45 GbE, 150W Single PSU, 1 x NIP, 1 x STD NIC, Bypass
CAR-2080-H310	1U, 1 x Intel Core i7/i5/i3, Pentium or Celeron, H310 PCH, 2 x DDR4 UDIMMs, 6 x RJ45 GbE, 150W Single PSU, 1 x NIP, Bypass

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Celeron G4900	2C/2T	3.10GHz	54W
Intel Celeron G4900T	2C/2T	2.90GHz	35W
Intel Core i3-8100	4C/4T	3.60GHz	65W
Intel Core i3-8100T	4C/4T	3.10GHz	35W
Intel Core i3-9100E	4C/4T	3.10GHz (3.70GHz)	65W
Intel Core i3-9100TE	4C/4T	2.20GHz (3.20GHz)	35W
Intel Core i5-8500	6C/6T	3.00GHz (4.10GHz)	65W
Intel Core i5-8500T	6C/6T	2.10GHz (3.50GHz)	35W

Optional NICs			
Model	Type	Manufacturer	Number of Ports
NIP-51040	Ethernet	Intel 82580EB	4 x 1GbE RJ45
NIP-51081	Ethernet	Intel 82580EB	8 x 1GbE RJ45
NIP-51084	Ethernet	Intel i350 AM4	8 x 1GbE RJ45
NIP-51243	Bypass	Intel i350-AM4	4 x 1GbE RJ45
NIP-51481	Bypass	Intel i350-AM4	8 x 1GbE RJ45
NIP-51482	Bypass	Intel 82580EB	8 x 1GbE RJ45
NIP-52021	Ethernet	Intel i350-AM2	2 x 1GbE SFP
NIP-52040	Ethernet	Intel 82580DB	4 x 1GbE SFP



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