

CAR-4040

Intel Coffee Lake Platform, Support Up To 32 GbE Ports



Intel Coffee Lake (Refresh) platform
 4 x DDR4 ECC 2666MHz DIMMs
 Up to 32 x RJ45/SFP GbE Ports
 Up to 4 PCIe Gen3 x 8 for CASwell NIC Module
 2 x 2.5" SATA/SAS HDDs
 RPSU, N+1 Fans solution, IPMI System thermal integrate solution.

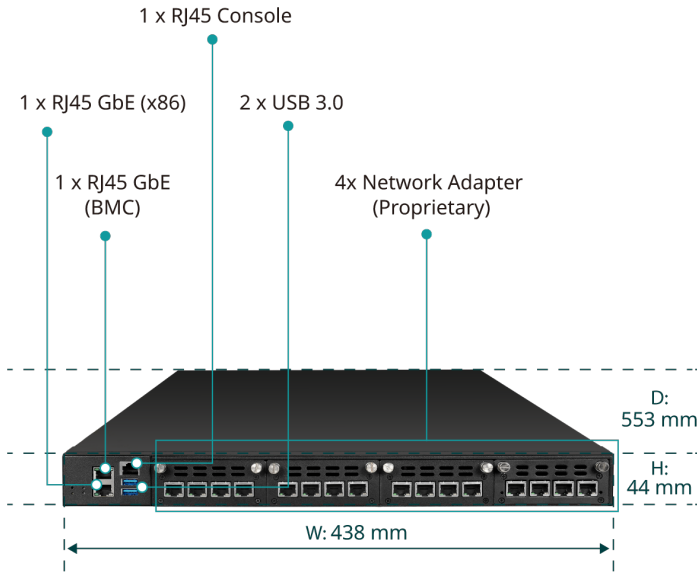
Specifications

Model Name	
Platform	
Processor	1 x Intel Xeon, Core i7/i5/i3, Pentium or Celeron Processor (Coffee Lake/Coffee Lake Refresh)
Chipset	Intel C246 PCH (Coffee Lake)
System Memory	4 x DDR4 ECC 2666MHz DIMMs
Max Memory	Up to 64GB
Ethernet Port	Up to 32 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 4 PCIe Gen3 x 8 for CASwell NIC Module
Storage Device	2 x 2.5" SATA/SAS HDDs, 1 x M.2 Socket
Power Supply	300W
Dimension (WxDxH)	438mm x 553mm x 44mm (17.52" x 22.12" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port, 2 x RJ45 GbE Port (MGMT)
USB Port	2 x USB 3.0 Port(s)
Display Output	-
LCD Panel	-
LED	Power / PSU / HDD / Ethernet
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 / CB / IC-Issue 6 / LVD
OS Support	Linux

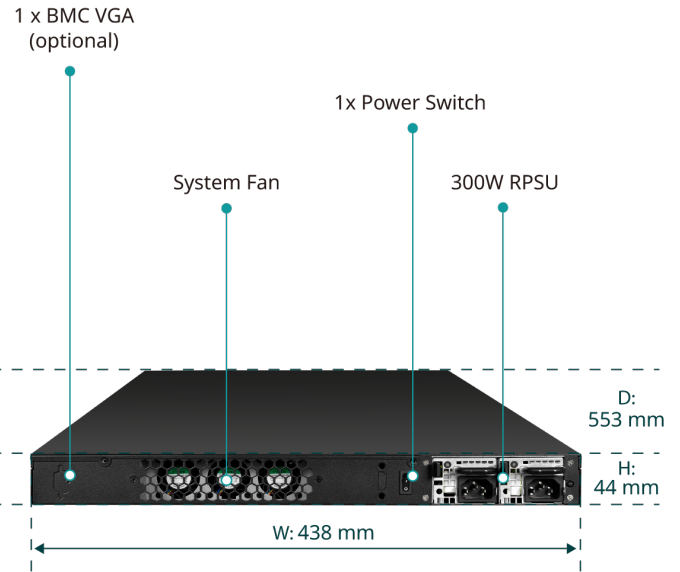
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAR-4040-1	1U, 1 x Intel Xeon, Core i7/i5/i3, Pentium or Celeron, PCH C246, 4 x DDR4 ECC DIMMs, 2 x RJ45 GbE (MGMT), 300W Redundant PSU, 4 x NIP, 2 x 2.5" HDD
CAR-4040-2	1U, 1 x Intel Xeon, Core i7/i5/i3, Pentium or Celeron, PCH C246, 4 x DDR4 ECC DIMMs, 1 x RJ45 GbE (MGMT), 1 x RJ45 GbE (BMC), 1 x VGA, 300W Redundant PSU, 4 x NIP, 2 x 2.5" HDD

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 i5-8400H	4C/8T	2.50GHz (4.20GHz)	35W
Intel Core i5-8500	6C/6T	3.00GHz (4.10GHz)	65W
Intel Core i5-8500T	6C/6T	2.10GHz (3.50GHz)	35W
Intel Core i7-8700	6C/12T	3.20GHz (4.60GHz)	65W
Intel Core i7-8700T	6C/12T	2.40GHz (4.00GHz)	35W
Intel Core i7-8850H	6C/12T	2.60GHz (4.30GHz)	45W

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
NIP-52041	Ethernet	Intel i350-AM4	4 x 1GbE SFP
NIP-52080	Ethernet	Intel 82580EB	8 x 1GbE SFP
NIP-52083	Ethernet	Intel i350-AM4	8 x 1GbE SFP



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