

CAR-5060

Intel Dual Xeon SP Gen.3 High-Performance Multi-Networking Solution

2x Intel Xeon Scalable CPU Gen.3 (Ice Lake)
 DDR4-3200 ECC Memory (up to 16 RDIMMs & 512 GB)
 Up to 8x CASwell Proprietary NIN Modules (PCIe 4.0 x8 design)
 1x PCIe 4.0 x16 Expansion slot e.g. for FPGA/GPU accelerators
 2x PCIe 3.0 M.2 SSD & 1x SlimSAS U.2 SSD onboard
 Redundant Power Supply Unit (CRPS, up to 800W)



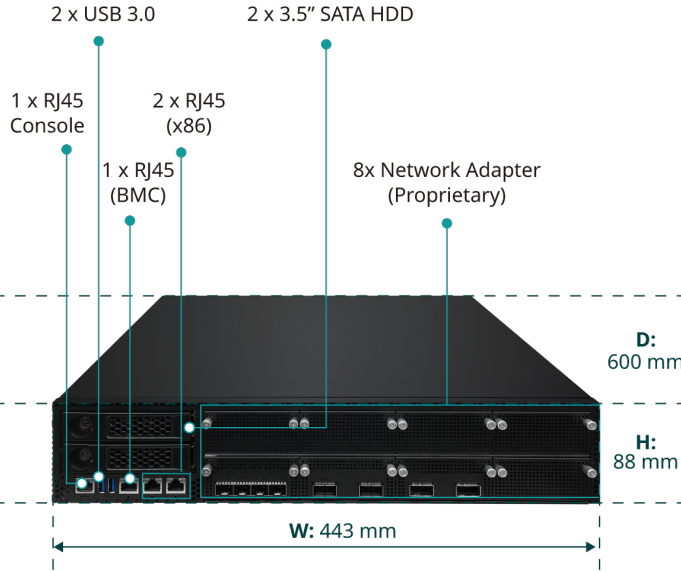
Specifications

Model Name	
Platform	
Processor	2 x Intel Xeon Scalable Gen. 3 Processor (Ice Lake)
Chipset	Intel C621A PCH (Lewisburg-R)
System Memory	16 x DDR4 ECC 3200MHz DIMMs
Max Memory	Up to 512GB
Ethernet Port	Up to 64 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 8 PCIe Gen4 x 8 for CASwell NIC Modules, Up to 1 PCIe Gen4 x 16 for Standard NIC Module
Storage Device	4x SATA 3.0 HDD or SSD, 2x PCIe 3.0 M.2 SSD, 1x SlimSAS U.2 SSD
Power Supply	800W
Dimension (WxDxH)	443mm x 600mm x 88mm (17.72" x 24" x 3.52")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port, 1 x RJ45 GbE Port (BMC), 2 x RJ45 GbE Port (x86)
USB Port	2 x USB 3.0 Port(s)
Display Output	1 x VGA Port (Optional from LOM or VGA module)
LCD Panel	128 x 32/64 Graphic, 2 x 16 Characters
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

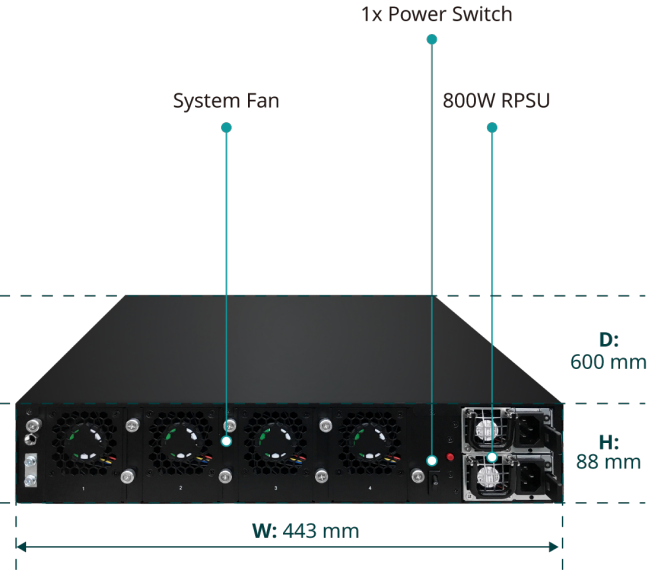
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAR-5060-1	2U, 2 x Intel Xeon Scalable Gen.3, PCH C621A, 16 x DDR4 ECC DIMMs, 800W Redundant PSU, 8 x NIP, 2 x 3.5"/2.5" HDD
CAR-5060-2	2U, 2 x Intel Xeon Scalable Gen.3, PCH C621A, 16 x DDR4 ECC DIMMs, 800W Redundant PSU, 4 x NIP, 4 x 3.5"/2.5" HDD, 1 x EZIO
CAR-5060-3	2U, 2 x Intel Xeon Scalable Gen.3, PCH C621A, 16 x DDR4 ECC DIMMs, 800W Redundant PSU, 8 x NIP, 1 x 3.5"/2.5" HDD, 1 x EZIO

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Xeon Gold 5315Y	8C/16T	3.20GHz (3.60GHz)	140W
Intel Xeon Gold 5317	12C/24T	3.00GHz (3.60GHz)	150W
Intel Xeon Gold 5318N	24C/48T	2.10GHz (3.40GHz)	150W
Intel Xeon Gold 5318Y	24C/48T	2.10GHz (3.40GHz)	165W
Intel Xeon Gold 5320T	20C/40T	2.30GHz (3.50GHz)	150W
Intel Xeon Gold 6312U	24C/48T	2.40GHz (3.60GHz)	185W
Intel Xeon Gold 6314U	32C/64T	2.3GHz (3.4GHz)	205W
Intel Xeon Gold 6326	16C/32T	2.90GHz (3.50GHz)	185W

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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