

CAR-5058

Intel Dual Xeon SP High-Performance Multi-Networking Solution



- Dual Intel Xeon Scalable Processors
- DDR4-2933/2666 ECC Memory (up to 20 DIMMs)
- Support 1x PCI Express 3.0 Standard NIC
- Support up to 8 x CASwell Proprietary NIC Modules (PCIe 3.0 x8 design)
- Support up to 4 x 3.5/2.5" HDD/SSD SATA 3.0
- Redundant Power Supply Unit (CRPS)

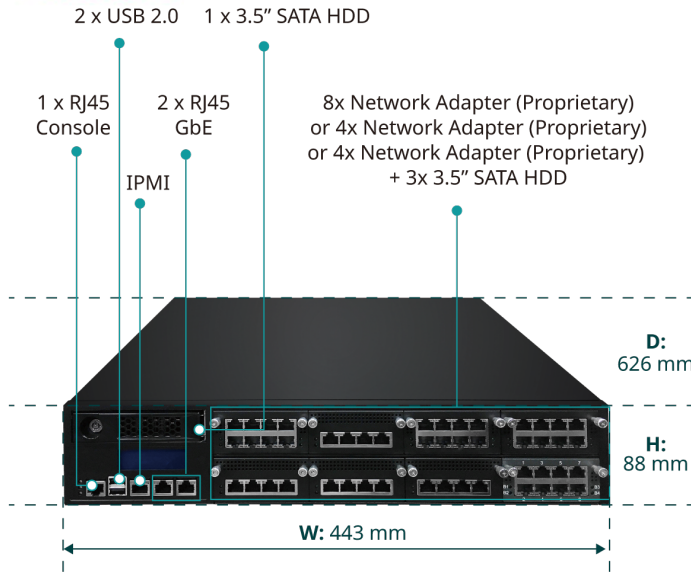
Specifications

Model Name	
Platform	
Processor	2 x Intel Xeon Scalable Processor (Skylake-SP/Cascade Lake-SP)
Chipset	Intel C621 PCH (Lewisburg)
System Memory	20 x DDR4 ECC 2933MHz RDIMMs
Max Memory	Up to 1500GB
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 Gen3 x 8 for CASwell NIC Module
Storage Device	1 x 2.5" SSD, 1 x 3.5" SATA HDD
Power Supply	800W Redundant PSU
Dimension (WxDxH)	443mm x 626mm x 88mm (17.72" x 25.04" 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 2.0 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 / HDD
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

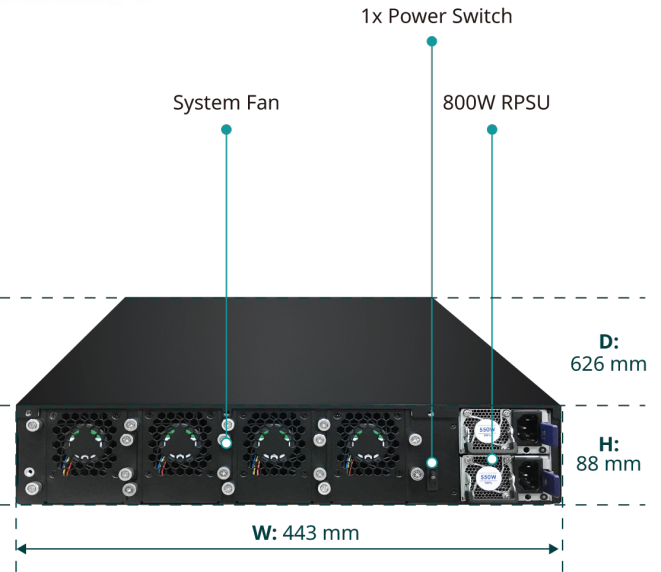
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAR-5058-1	2U, 2 x Intel Xeon Scalable, PCH C621, 20 x DDR4 ECC RDIMMs, 800W Redundant PSU, 8 x NIP, 1 x 2.5" SSD, 1 x 3.5" SATA HDD
CAR-5058-2	2U, 2 x Intel Xeon Scalable, PCH C621, 20 x DDR4 ECC RDIMMs, 800W Redundant PSU, 4 x NIP, 1 x 2.5" SSD, 1 x 3.5" SATA HDD
CAR-5058-3	2U, 2 x Intel Xeon Scalable, PCH C621, 20 x DDR4 ECC RDIMMs, 800W Redundant PSU, 4 x NIP, 1 x 2.5" SSD, 4 x 3.5" SATA HDD

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Xeon Bronze 3106	8C/8T	1.70GHz	85W
Intel Xeon Gold 5118	12C/24T	2.30GHz (3.20GHz)	105W
Intel Xeon Gold 6126	12C/24T	2.60GHz (3.70GHz)	125W
Intel Xeon Gold 6130	16C/32T	2.10GHz (3.70GHz)	125W
Intel Xeon Gold 6138	20C/40T	2.00GHz (3.70GHz)	125W
Intel Xeon Silver 4110	8C/16T	2.10GHz (3.00GHz)	85W
Intel Xeon Silver 4116	12C/24T	2.10GHz (3.00GHz)	85W

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



+866-2-7705-8888

info@cas-well.com

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Headquarter & R&D Center

8F., No. 242, Bo'ai Street, Shulin District, New Taipei City 23845, Taiwan

Operation Center

No. 11, Da'an Road, Xinzhuang District, New Taipei City 242070, Taiwan

Hsinchu R&D Center

5F., No. 32, Guangming 9th Rd., Zhubei City, Hsinchu County 302048, Taiwan



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