

# CAR-5050

## Intel Purley Platform With Dual Xeon SP, Support Up To 48 SFP+ Fiber Port



Dual Intel Xeon Scalable Processors  
16 x DDR4 ECC 2666MHz RDIMMs  
Up to 48 x SFP+ 10GbE Ports  
Support up to 6x CASwell Proprietary NIC Modules (PCIe3.0 x 16 design)  
Redundant Power Supply Unit & System Management (IPMI 2.0) Support  
Also available soon as [Intel Select Solution for NFVi Forwarding Platform](#)

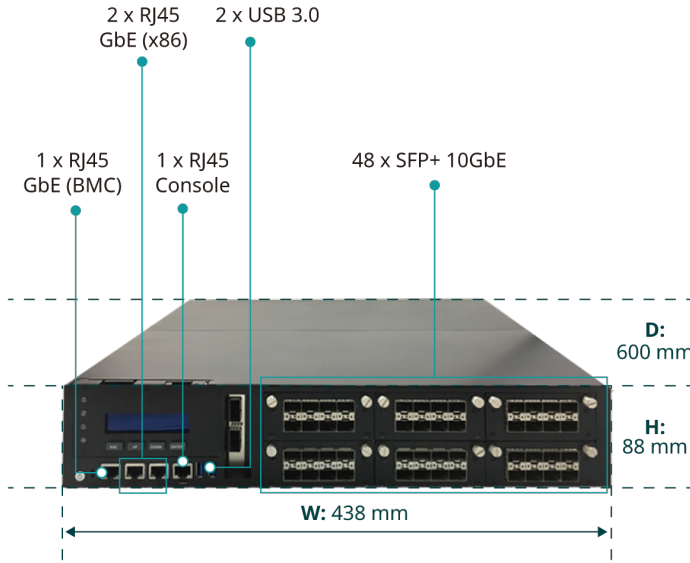
### Specifications

Model Name	
<b>Platform</b>	
Processor	2 x Intel Xeon Scalable Processor (Skylake-SP/Cascade Lake-SP)
Chipset	Intel C621 PCH (Lewisburg)
System Memory	16 x DDR4 ECC 2666MHz RDIMMs
Max Memory	Up to 512GB
Ethernet Port	Up to 48 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 5 PCIe Gen3 x 16 for CASwell NIC Module, Up to 1 PCIe Gen3 x 8 for CASwell NIC Module, Up to 1 PCIe Gen3 x 8 for Standard NIC Module
Storage Device	2 x 3.5" or 2.5" Swappable SATA/SAS HDDs, 1 x CF Socket, 1 x M.2 SSD 2280 (PCIe)
Power Supply	800W
Dimension (WxDxH)	438mm x 600mm x 88mm (17.52" x 24" x 3.52")
Weight (Kg)	-
<b>I/O</b>	
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	/ HDD / Ethernet
LOM	IPMI 2.0 w/ GbE Speed
<b>Operation &amp; Certifications</b>	
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 / CB
OS Support	Linux

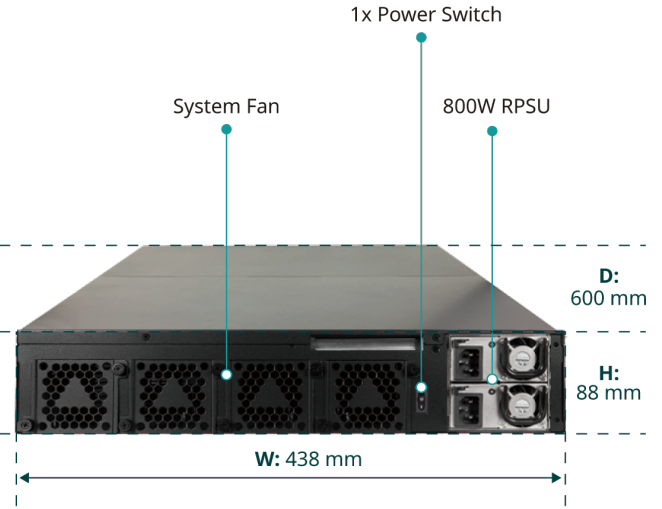
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## Front I/O



## Back I/O



## Ordering Information

System	
SKU	Description
CAR-5050	2U, 2 x Intel Xeon Scalable, PCH C621, 16 x DDR4 ECC RDIMMs, 800W Redundant PSU, 6 x NIP

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 Platinum 8164	26C/52T	2.00GHz (3.70GHz)	150W
Intel Xeon Platinum 8168	24C/48T	2.70GHz (3.70GHz)	205W
Intel Xeon Platinum 8170	26C/52T	2.10GHz (3.70GHz)	165W
Intel Xeon Platinum 8176	28C/56T	2.10GHz (3.80GHz)	165W
Intel Xeon Platinum 8180	28C/56T	2.50GHz (3.80GHz)	205W
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-51243	Bypass	Intel i350-AM4	4 x 1GbE RJ45
NIP-52080	Ethernet	Intel 82580EB	8 x 1GbE SFP
NIP-52240	Bypass	Intel 82580EB	4 x 1GbE SFP
NIP-54121	Bypass	Intel X540-BT2	2 x 10GbE RJ45
NIP-55140	Bypass	Intel NH82580EB	2 x 1GbE SFP/2 x 1GbE RJ45
NIP-83020	Ethernet	Intel X710 BM2	2 x 10GbE SFP+
NIP-83040	Ethernet	Intel Fortville XL710 BM1	4 x 10GbE SFP+
NIP-83080	Ethernet	Intel Fortville XL710 BM1	8 x 10GbE SFP+
NIP-83120	Bypass	Intel Fortville XL710 BM2	2 x 10GbE SFP+
NIP-83240	Bypass	Intel Fortville XL710 BM1	4 x 10GbE SFP+
NIP-86120	Bypass	Intel Fortville XL710-BM2	2 x 40GbE QSFP+
NIP-87020	Ethernet	Intel XXV710-AM2	2 x 25GbE SFP28
NIP-88010	Ethernet	Mellanox ConnectX-4	2 x 100GbE QSFP28



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