

CAR-5050 (VCDN)

Intel Select Solution For Visual Cloud Delivery Networks



2x 2nd Gen. Intel Xeon Scalable CPU (Cascade Lake)
384 GByte DDR4-2666 ECC RAM
2x Intel SSD DC P4510 with 2.0+ TB
2x Intel XXV710 Ethernet Controllers
Supports 6x CASwell NIC Modules (PCIe 3.0 x16 design)
Redundant Power Supply Unit

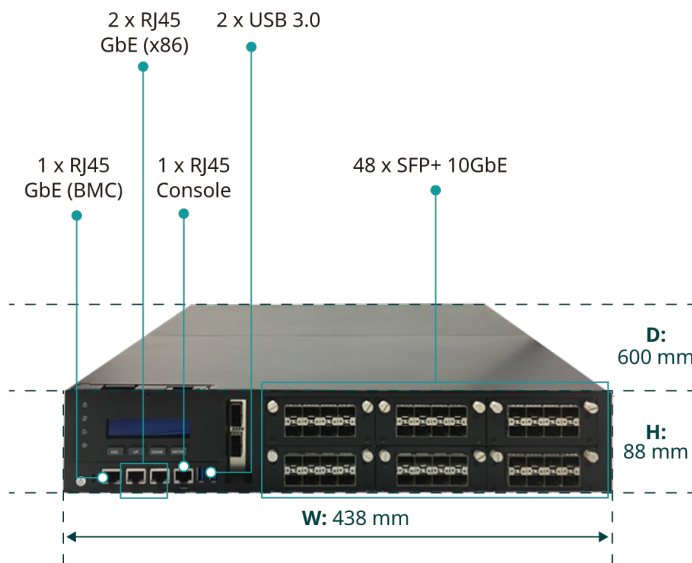
Specifications

Model Name	
Platform	
Processor	2 x Intel Xeon Scalable Gen.2 Processor (Cascade Lake)
Chipset	Intel C621 PCH (Lewisburg)
System Memory	16 x DDR4 ECC 2666MHz RAM (384GB on board)
Max Memory	Up to 512GB
Ethernet Port	2 x SFP28 25GbE Port(s) on board, Up to 48 x Ethernet Port(s)
Bypass	Based on CASwell NIC Module or Standard add-on card
Expansion	Up to 5 PCIe Gen3 x16 for CASwell NIC Module, Up to 1 PCIe Gen3 x8 for CASwell NIC Module, Up to 1 PCIe Gen3 x8 for Standard NIC Module
Storage Device	2x Intel SSD DC P4510 with 2.0+ TB (NVMe), 1x CF Socket, 1x M.2 SSD 2280 (PCIe)
Power Supply	800W Redundan PSU
Dimension (WxDxH)	465mm x 600mm x 89mm (18.6" x 24" x 3.56")
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	/ 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 / UL / VCCI / RCM / BSMI / CB / IC
OS Support	Linux

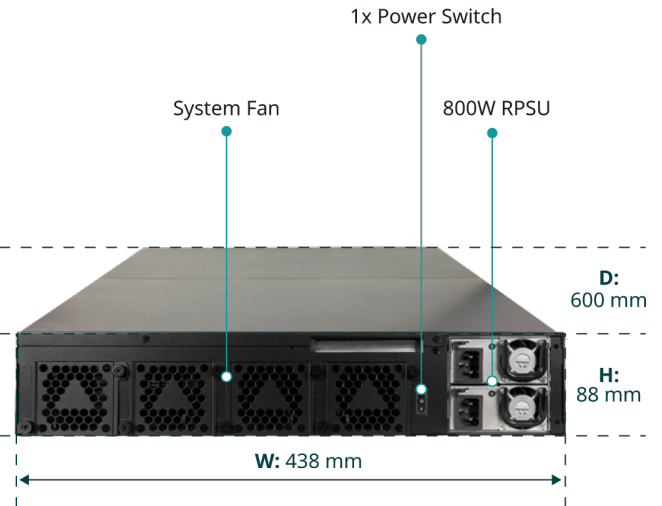
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Front I/O



Back I/O



Ordering Information

System			
SKU		Description	
Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Xeon Gold 6230	20C/40T	2.10GHz (3.90GHz)	125W
Intel Xeon Gold 6230N	20C/40T	2.3GHz (3.5GHz)	125W
Intel Xeon Gold 6238	22C/44T	2.10GHz (3.70GHz)	140W
Intel Xeon Gold 6238T	22C/44T	1.90GHz (3.70GHz)	125W
Intel Xeon Gold 6248	20C/40T	2.50GHz (3.90GHz)	150W
Intel Xeon Gold 6252	24C/48T	2.10GHz (3.70GHz)	150W
Intel Xeon Gold 6252N	24C/48T	2.3GHz (3.6GHz)	150W
Intel Xeon Gold 6262V	24C/48T	1.90GHz (3.60GHz)	135W
Intel Xeon Platinum 8260	24C/48T	2.40GHz (3.90GHz)	165W
Intel Xeon Platinum 8268	24C/48T	2.90GHz (3.90GHz)	205W
Intel Xeon Platinum 8270	26C/52T	2.70GHz (4.00GHz)	205W
Intel Xeon Platinum 8276	28C/56T	2.20GHz (4.00GHz)	165W
Intel Xeon Platinum 8280	28C/56T	2.70GHz (4.00GHz)	205W
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
NIP-52120	Bypass	Intel 82580DB	2 x 1GbE SFP
NIP-52240	Bypass	Intel 82580EB	4 x 1GbE SFP
NIP-53020	Ethernet	Intel 82599ES	2 x 10GbE SFP+



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