

CAR-2061

1U Network Appliance based on the Intel Atom C3000 processor



Intel Atom C3000 Processor (Denverton-NS)
2 x DDR4 ECC 1866MHz SO-DIMMs, up to 32GB
6 x RJ45 GbE & 2 x SFP+ 10GbE on board
Up to 1 PCIe Gen3 x 4 for CASwell NIC Module
Optional QAT Function
Optional IPMI Function

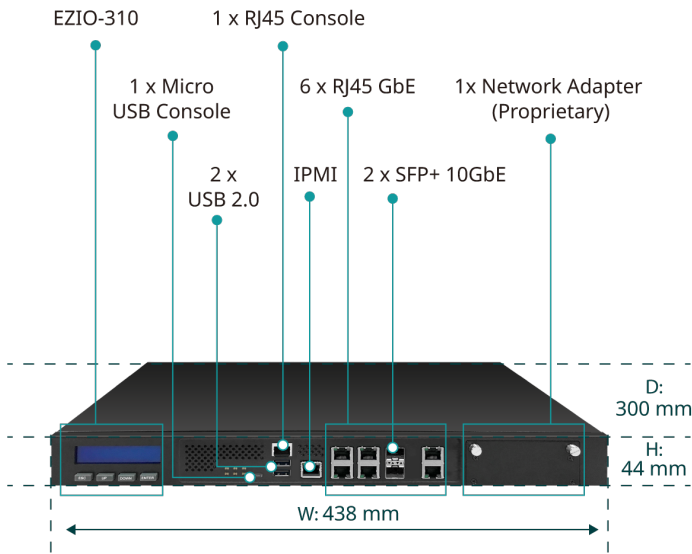
Specifications

Model Name	
Platform	
Processor	1 x Intel Atom C Processor (Denverton-NS)
Chipset	-
System Memory	2 x DDR4 ECC 1866MHz SO-DIMMs
Max Memory	Up to 32GB
Ethernet Port	6 x RJ45 GbE Port(s) on board, 2 x SFP+ 10 GbE Port(s) on board, Up to 16 x Ethernet Port(s)
Bypass	2 segment(s) on board
Expansion	Up to 1 PCIe Gen3 x 4 for CASwell NIC Module, Up to 1 PoE Module (IEEE 802.3 at)
Storage Device	1 x 3.5" or 2 x 2.5" SATA HDDs
Power Supply	100W Single PSU
Dimension (WxDxH)	438mm x 300mm x 44mm (17.52" x 12" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 System Console Port, 1 x Micro USB Console Port, 1 x RJ45 GbE Port (IPMI)
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 / HDD / Ethernet / Bypass / PoE
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

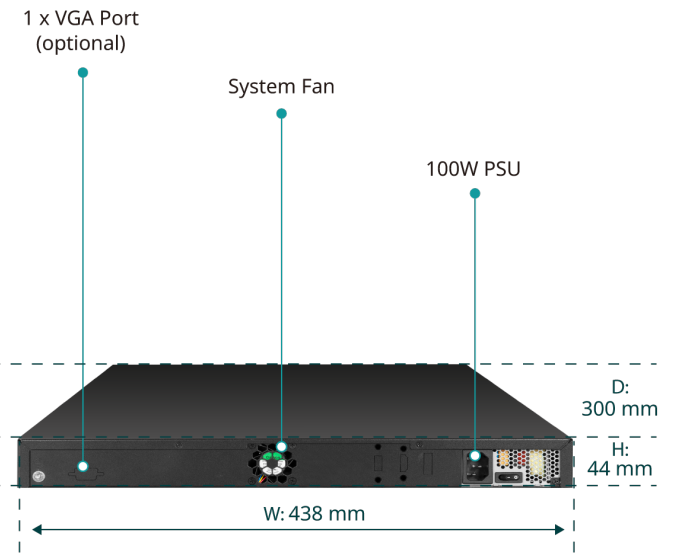
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAR-2061	1U, 1 x Intel Atom C3000, 2 x DDR4 ECC SO-DIMMs, 6 x RJ45 GbE, 2 x SFP+ 10GbE, 100W Single PSU, 1 x NIP, Bypass

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP
Intel Atom C3708	8C/8T	1.70GHz (1.70GHz)	17W
Intel Atom C3758	8C/8T	2.2 GHz (2.2 GHz)	25W
Intel Atom C3808	12C/12T	2.00GHz (2.00GHz)	25W
Intel Atom C3858	12C/12T	2.00GHz (2.00GHz)	25W
Intel Atom C3958	16C/16T	2.00GHz (2.00GHz)	31W

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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