

CAD-0280

Intel Xeon D-1700 (Ice Lake-D) Desktop Network Appliance With Up To 10 GbE Ports



Intel Xeon D-1700 Series (2 to 10 Cores)
Intel QAT Support (Crypto Acceleration)
Dual channel DDR4 ECC/non-ECC SO-DIMM, up to 64GB
10x Ethernet ports up to 25 Gbit/s with optional bypass
3x M.2 slots for Wi-Fi/LTE/5G/SSD, mPCIe for Wi-Fi 5, PCIe x4 slot for LP AIC
System Health Monitoring, IPMI 2.0 (Optional), TPM 2.0 Support

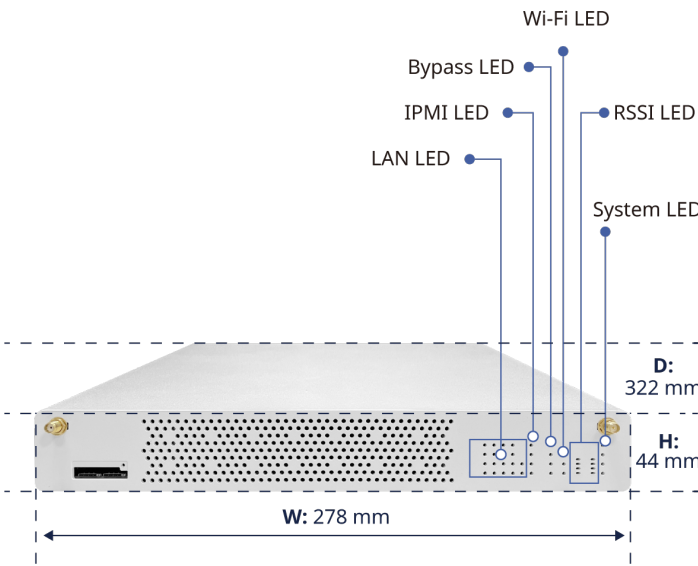
Specifications

Model Name	
Platform	
Processor	1 x Intel Xeon D Processor (Ice Lake-D LCC SoC)
Chipset	-
System Memory	2 x DDR4 ECC 2933MHz SO-DIMMs
Max Memory	Up to 64GB
Ethernet Port	4 x RJ45 GbE Port(s) on board, 2 x RJ45 2.5GbE Port(s) on board, 4 x SFP+ 10 GbE Port(s) on board, Up to 10 x Ethernet Port(s)
Bypass	Optional 3 bypass (Gen 4.4)
Expansion	M.2 B-key for LTE/5G with SIM holder, mPCIe for Wi-Fi 5, M.2 B-key for Wi-Fi 6, PCIe x4 slot for low-profile add-in card
Storage Device	32GB eMMC, MLC or 3D TLC, 2x SATA 3.0, M.2 M-key for M.2 PCIe x4 SSD
Power Supply	150W Adapter
Dimension (WxDxH)	278mm x 322mm x 44mm (11.12" x 12.88" x 1.76")
Weight (Kg)	-
I/O	
Management Console	1 x RJ45 GbE Port (BMC)(Optional), 1 x USB Type-C Console Port
USB Port	2 x USB 3.0 Port(s)
Display Output	1 x VGA Port (Optional from LOM or VGA module)
LCD Panel	-
LED	Power / System Status / Ethernet / Bypass / RSSI / Wi-Fi
LOM	-
Operation & Certifications	
Operating Environment	Temperature: 0 - 40°C (32 - 104°F), Humidity: 10 - 90% RH
Storage Environment	Temperature: -10 - 70°C (14 - 158°F), Humidity: 5 - 95% RH
Certification	CE / FCC
OS Support	Linux

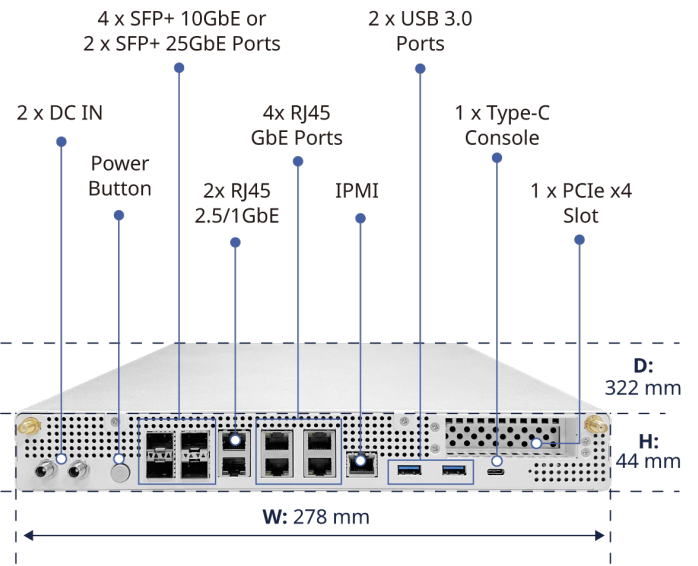
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Front I/O



Back I/O



Ordering Information

System	
SKU	Description
CAD-0280	Desktop, 1 x Intel Xeon D-1700 Series, 2 x DDR4 SO-DIMMs, 4 x RJ45 GbE, 2 x RJ45 2.5GbE, 4 x SFP+ 10 GbE, 150W Adapter, Bypass

Optional CPUs			
Model	Core/Thread	Frequency (Max.)	TDP



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