

ANR-ICEDA1

1U Rackmount Network Appliance With Intel Xeon D-1713NT Processor



Features

- Intel® Xeon® ICE-Lake-D LCC Processor
- 12 x 1Gb RJ45 ports
- 2 Pairs LAN Bypass
- 1 x NIM(Network Interface Module) slots
- Support 2 x 2.5" SATA-III Storage Devices
- 1x LCM with Keypad
- Support DPDK, QAT, SR-IOV



Specification

System

CPU	Intel® XEON D-1713NT Processor, 4C/8T, Ice Lake-D Base Frequency : 2.20 GHz, 45W
Chipset	SoC
Memory	2 x DDR4 288 Pin SO-DIMM ECC DIMM slots
BIOS	AMI

Ethernet

Ethernet port	12 x 1GbE RJ45 (I350 AM4 x 3) + 4 x 10GbE SFP+
LAN Bypass	2 Pairs LAN Bypass

Storage

SATA	2 SATA III (6Gbps)
Storage Device	2 2.5" SSD/HDD Tray

I/O

Console port	1 x RJ-45 Console
USB port	2 x Type A USB 3.2 Gen1
Expansion	1 x M.2 (B key 3052) for 4G/5G (USB3.0 + PCIe) with SIM 1 x M.2 (E key 2230) (PCIe)
LCD Module	1 x LCM with Keypad
Exp. NIM	1G/10G/40G, Fiber/Copper/LAN Bypass
LED	Power LED, Status LED, Active LED

Others

TPM	Optional By Request
Watchdog Timer	1~255
Battery	Internal RTC
Fan	1 x System Fan
Software Button	1

Power Requirement

Power Input	220W Power
QAT&DPDK	Support QAT&DPDK
SR-IOV	Support

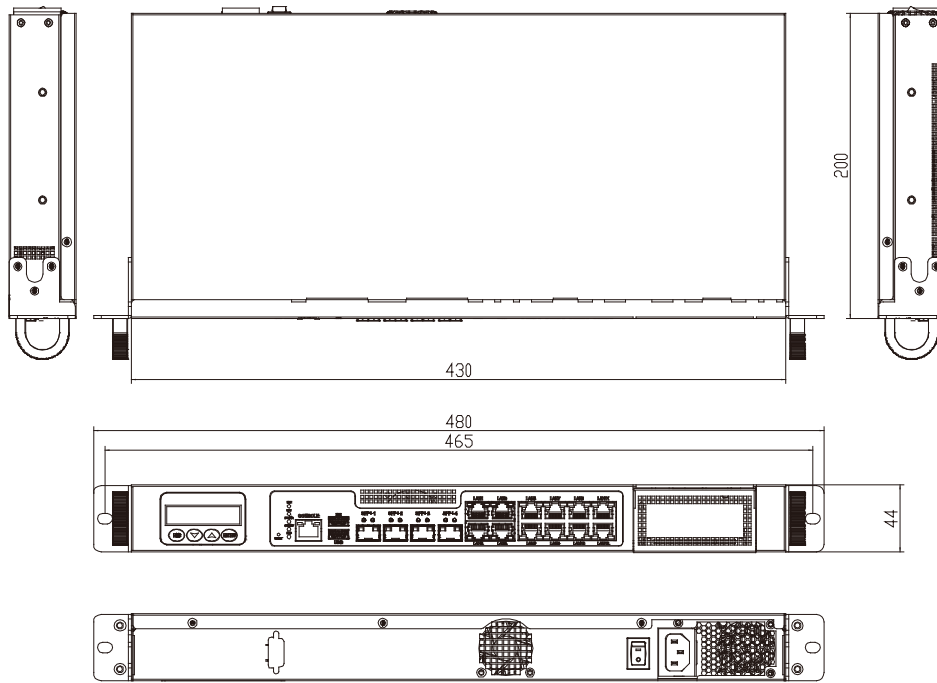
Software

OS Support	Linux or Ubuntu 20.04.2 or above
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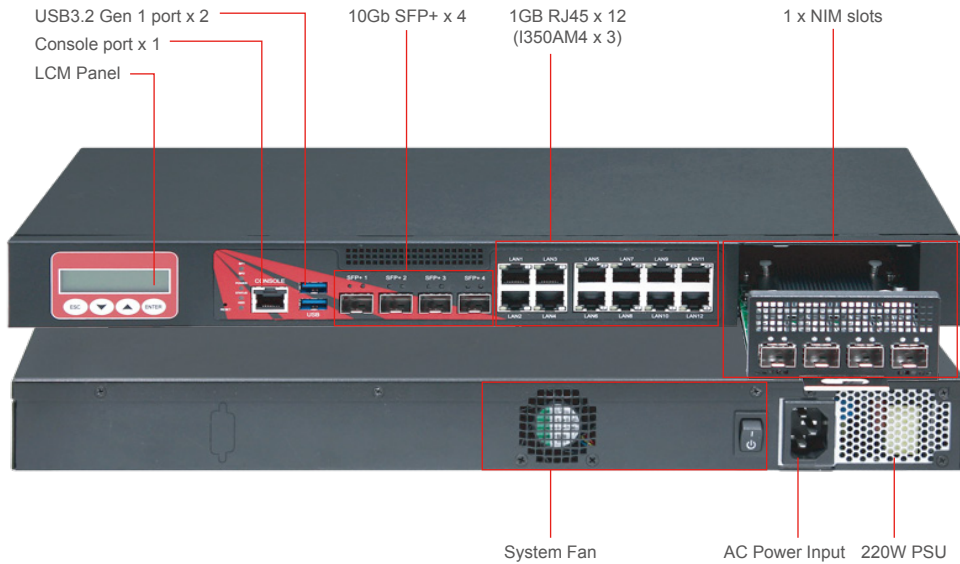
Mechanical & Environment

Dimensions	16.93" x 7.87" x 1.73"(430mm x 200mm x 44mm)
Weight	TBD
Mounting	Rackmount
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F~ 140°F (-20°C ~ 60°C)
Humidity	10%~80% relative humidity, non-condensing
Shock	10 G peak acceleration (11 m sec. duration), operation
Vibration	0.5 g rms/ 5 ~ 500Hz / operation (2.5" Hard Disk Drive)
EMC	CE / FCC class A

Dimension



I/O Connectors



Packing List

- ANR-ICEDA1
- Console
- Ear Brackets
- 2 x SATA Cable
- 2 x SATA Power Cable
- 2 x HDD brackets

Ordering Information

ANR-ICEDA1	1U Rackmount Server With Intel Xeon D-1713NT CPU
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Optional Accessory

DDR4 32G	Certified DDR4 32GB 3200MHz ECC SO-DIMM
DDR4 16G	Certified DDR4 16GB 3200MHz ECC SO-DIMM
DDR4 8G	Certified DDR4 8GB 3200MHz ECC SO-DIMM
DDR4 4G	Certified DDR4 4GB 3200MHz ECC SO-DIMM
ACC-NM1ZA-01C4	Intel® 82580EB PCI-Express 1G Copper Ethernet 4 Ports Module(2Pair bypass) for ANR-ICEDA1
ACC-NM1ZA-10F4	Intel® Fortville XL710 PCI-Express 10G SFP+ 4 Ports Module for ANR-ICEDA1