

# 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



## Specification

### System

|         |                                                                                     |
|---------|-------------------------------------------------------------------------------------|
| CPU     | Intel® XEON D-1713NT Processor, 4C/8T, Ice Lake-D<br>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<br>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 |
|-------------|------------|

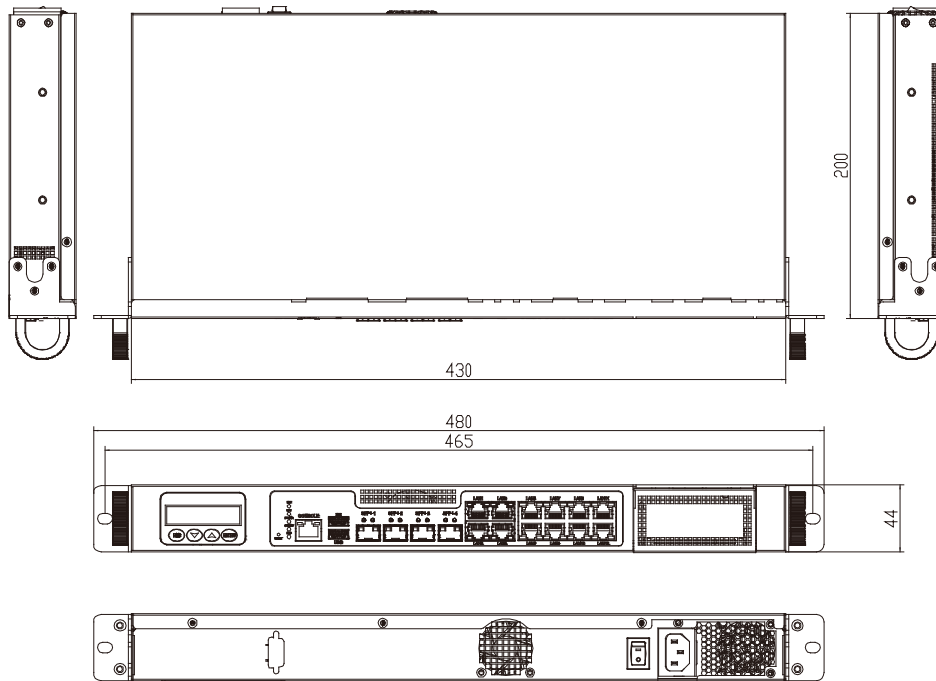
## Software

|            |                                  |
|------------|----------------------------------|
| OS Support | Linux or Ubuntu 20.04.2 or above |
|------------|----------------------------------|

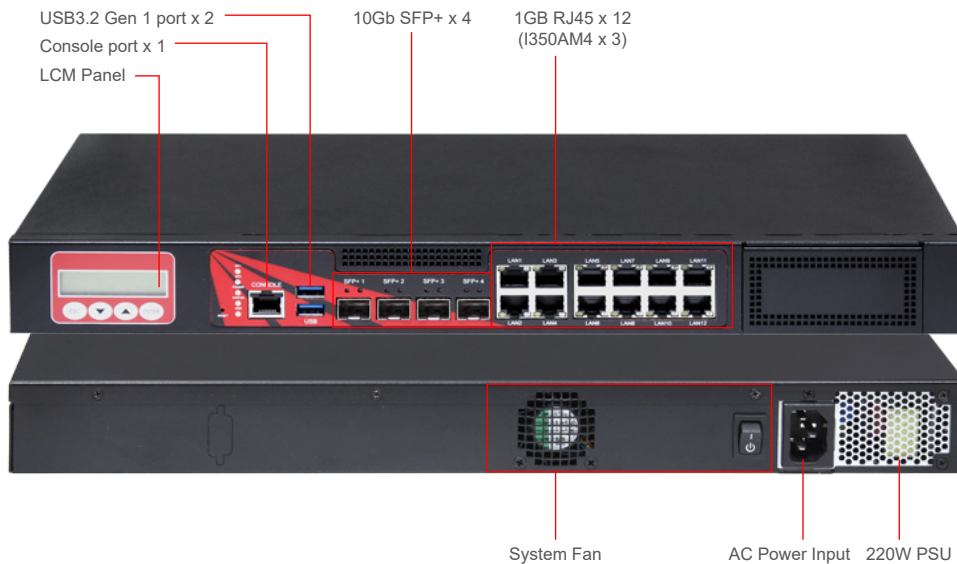
## Mechanical & Environment

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| 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 Cable
- 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

## 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                 |