

# PUZZLE-5070

1U rackmount Network Appliance support Intel Core Ultra 200S Series Processors (Code Name Arrow Lake S)



## Features

- » 14th Gen Intel® Core processor (Arrow Lake S)
- » 4 x DDR5 UDIMM Slots
- » 10 x 1GbE RJ45 LAN ports
- » 1 x internal M.2 2280 M key slot
- » 2 x External 2.5" U.2 SSD Removable Trays
- » 2 x IEI proprietary interface network slots
- » 1 x BMC support
- » 1 x RJ45 console port
- » CRPS redundant PSU (Hot Swap, and field replaceable design)

## Specifications

| Form Factor                 |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Form Factor                 | 1U                                                                                          |
| System                      |                                                                                             |
| CPU                         | Intel Core Ultra 200S Series Processors (Code Name Arrow Lake S)                            |
| Chipset                     | Intel 800 Series                                                                            |
| Memory                      | DDR5 6400MHz UDIMM                                                                          |
| Memory Max.                 | Up to 256 GB                                                                                |
| Cooling method / System Fan | 4 x System fans                                                                             |
| Physical Characteristics    |                                                                                             |
| Rack Height                 | 1U                                                                                          |
| Dimensions (LxWxH) (mm)     | 436.2 x 454.3 x 44.2                                                                        |
| Net Weight                  | 10 Kgs                                                                                      |
| Storage                     |                                                                                             |
| Storage                     | 2 x 2.5" SSD/HDD Bay : support PCIe Gen5 x4                                                 |
| I/O Interface               |                                                                                             |
| Ethernet                    | 10 x LAN : 1GbE RJ45 LAN ports                                                              |
| I/O Interface               | 1 x Console port(s) : RJ45 Type                                                             |
|                             | 2 x USB 3.0 : Type A                                                                        |
| Expansion                   | 1 x M.2(NGFF) : 2280 M Key (support PCIe Gen4 x4)                                           |
|                             | 2 x PCIe x8 : for iEi proprietary networking module (PulM module) slots (support PCIe Gen5) |
| Other Features              |                                                                                             |
| IPMI                        | 1 x M.2 B Key Socket support IEI iRIS2 IPMI module                                          |
|                             | 1 x 1 GbE RJ45 for IPMI port                                                                |
| TPM                         | 1 x TPM 2.0 pin header                                                                      |
| Power                       |                                                                                             |
| Power Supply                | 300W CRPS Redundant Power                                                                   |
| Environment                 |                                                                                             |
| Operating Temperature       | 0°C ~ 40°C (32°F ~ 104°F)                                                                   |
| Storage Temperature         | -10°C ~ 50°C                                                                                |
| Humidity                    | 5% ~ 90% non-condensing                                                                     |
| Certifications              |                                                                                             |
| Safety & EMC                | By customer request                                                                         |

OS Support

OS Support

Ubuntu, Linux based OS

## Ordering Information

PUZZLE-5070-R-R10

1U rackmount Network Appliance support Intel® Arrow Lake S, Intel® C800 Series chipset, 4x DDR5 6400 MHz URDIMM Slots, 10 x 1GbE, 2 xPulM slots.

## Packing List

» 2 x Power cord

» 2 x Rack mounting ears

» 6 x Screw for rack mounting ears