

## PUZZLE-1100

Desktop network appliance with Intel® Amston Lake Processor



## Features

- » Intel® Atom® Amston Lake Processors
- » 1 x DDR5 SO-DIMM 4800MHz
- » 4 x 2.5GbE LAN
- » 2 x USB 3.2 10G Type-A, 1 x Type-C Console
- » 1 x M.2 B Key 5G/LTE, 1 x mini PCIe Wi-Fi
- » 1 x M.2 B Key SATA SSD 128GB eMMC

## Specifications

| System                      |                                                         |
|-----------------------------|---------------------------------------------------------|
| CPU                         | Intel® Amston Lake processors Series Supporting TDP 12W |
| Chipset                     | Integrated in CPU                                       |
| Memory                      | SO-DIMM DDR5-4800                                       |
| Memory Max.                 | Up to 16G                                               |
| Cooling method / System Fan | CPU TDP 12W Fan with Heatsink                           |
|                             | CPU TDP 9W FAN less                                     |
| Physical Characteristics    |                                                         |
| Rack Height                 | 1U                                                      |
| Dimensions (LxWxH) (mm)     | 224.5 x 42.5 x 170 mm                                   |
| Storage                     |                                                         |
| Storage                     | 1 x eMMC                                                |
| I/O Interface               |                                                         |
| Display Output              | HDMI™                                                   |
| Ethernet                    | 4 x LAN                                                 |
| I/O Interface               | 2 x External USB 3.2 Gen1x1                             |
|                             | 2 x External USB 3.2 Gen2x1                             |
|                             | 1 x Console port(s)                                     |
| Expansion                   | 1 x PCIe mini Card Slot                                 |
|                             | 2 x M.2(NGFF)                                           |
| Power                       |                                                         |
| Power Supply                | 60W power adapter                                       |
| 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                | RoHS, CE/FCC                                            |
| OS Compatible               |                                                         |
| OS Compatible               | Linux Ubuntu 24.04                                      |

## Ordering Information

|                            |                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PUZZLE-1100-x7835RE-R10    | Desktop Network Appliance with Intel x7835RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1 x HDMI                   |
| PUZZLE-1100-x7835RE-8G-R10 | Desktop Network Appliance with Intel x7835RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1 x HDMI, DDR5 SO-DIMM 8GB |
| PUZZLE-1100-x7433RE-R10    | Desktop Network Appliance with Intel x7433RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1 x HDMI                   |
| PUZZLE-1100-x7433RE-8G-R10 | Desktop Network Appliance with Intel x7433RE Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, 1 x HDMI, DDR5 SO-DIMM 8GB |
| PUZZLE-1100-x7405C-R10     | Desktop Network Appliance with Intel x7405C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2                              |
| PUZZLE-1100-x7405C-8G-R10  | Desktop Network Appliance with Intel x7405C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, DDR5 SO-DIMM 8GB            |
| PUZZLE-1100-x7203C-R10     | Desktop Network Appliance with Intel x7203C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2                              |
| PUZZLE-1100-x7203C-8G-R10  | Desktop Network Appliance with Intel x7203C Processor, 4x 2.5 GbE, 1x USB Type-C console port, 2x USB 3.2, DDR5 SO-DIMM 8GB            |

## Packing List

|                                          |                            |
|------------------------------------------|----------------------------|
| » 1 x Power adaptor, DC 60W              | » 1 x Power cord           |
| » 1 x USB type C to type A console cable | » 1 x Network cable, CAT5e |