



Front View

3 x 4056mm hot swap, dual-rotor fans



### Features

- 1U FIPS/NEBS compliant network appliance
- Supports one Intel® Xeon® Processor E-2300 (Rocket Lake) Product Family
- With Intel® C256 chipset to provide 5+ years product life cycle
- Flexible I/O design with MAX I/O technology to support 2x PCIe 4.0 add-in cards in short depth 1U
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions

Rear View



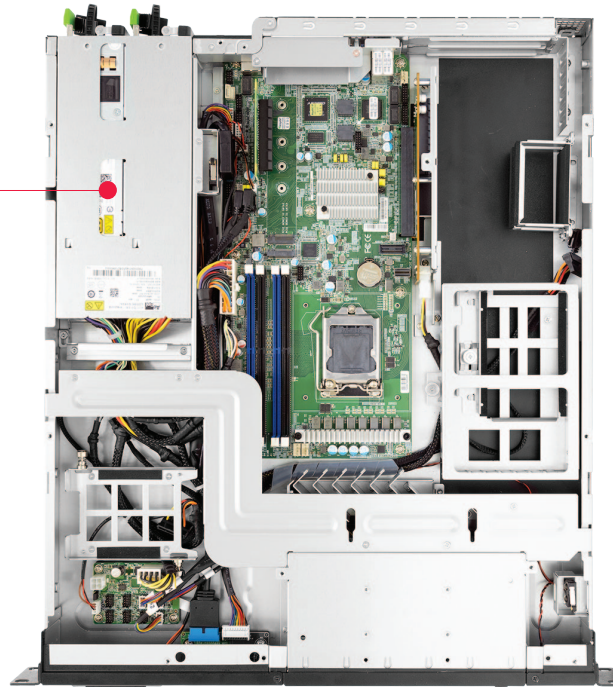
### Specifications

|                           |                                                                                                      |                                                                                                                                                                                                                     |                           |
|---------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Dimensions<br>(W x D x H) | mm : 432.8 x 541.8 x 44.4                                                                            |                                                                                                                                                                                                                     |                           |
|                           | inches : 17 x 21.3 x 1.75                                                                            |                                                                                                                                                                                                                     |                           |
| Motherboard               | AIC Server Board Delphinus                                                                           |                                                                                                                                                                                                                     |                           |
| Processor                 | Processor Support                                                                                    | • One Intel® Xeon® Processor E-2300 (Rocket Lake) Product Family<br>• Supports CPU TDP up to 95W<br><i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i> |                           |
|                           | Socket Type                                                                                          | Socket H5 (LGA 1200)                                                                                                                                                                                                |                           |
| Chipset Support           | Intel® C256 PCH                                                                                      |                                                                                                                                                                                                                     |                           |
| System Memory             | 2 channels DDR4 / 2 DPC UDIMM ECC Up to 3200 MT/s<br>Total 4 memory slots; up to 128GB               |                                                                                                                                                                                                                     |                           |
| Front Panel               | • System power on/off<br>• System ID<br>• System reset<br>• NMI<br>• USB 2.0 Type-A                  |                                                                                                                                                                                                                     |                           |
| LEDs                      | • Power status<br>• System management alert<br>• Drive activity<br>• Network activity<br>• System ID |                                                                                                                                                                                                                     |                           |
| Drive Bays                | Internal                                                                                             | 3.5"                                                                                                                                                                                                                | 1 (SATA)                  |
|                           |                                                                                                      | 2.5"                                                                                                                                                                                                                | 2 (1 x shared with 3.5")  |
|                           |                                                                                                      | M.2                                                                                                                                                                                                                 | 2 x M.2(NGFF)/M-Key/22110 |
| Expansion Slots           | • 2 x PCIe Gen4 x8 slots<br>• 1 x PCIe Gen3 x8 slot (with x4 link)                                   |                                                                                                                                                                                                                     |                           |
| Riser Card<br>(included)  | RC-PE1U35-TY                                                                                         | 2 x PCIe x8 slots                                                                                                                                                                                                   |                           |

|                  |                    |                                                                                                                                                                                                                                                                                                    |
|------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System BIOS      | BIOS Type          | AMI UEFI BIOS                                                                                                                                                                                                                                                                                      |
|                  | BIOS Features      | <ul style="list-style-type: none"> <li>• ACPI</li> <li>• PXE</li> <li>• WOL</li> <li>• TPM 2.0</li> <li>• AC loss recovery</li> <li>• IPMI KCS interface</li> <li>• SMBIOS</li> <li>• Serial console redirection</li> <li>• BIOS boot specification</li> <li>• BIOS recovery mode</li> </ul>       |
| On-board Devices | SATA               | <ul style="list-style-type: none"> <li>• 6 x SATA 6G ports (4 x Mini-SAS HD + 2 x 7-pin + 2 x M.2)</li> </ul>                                                                                                                                                                                      |
|                  | IPMI               | <ul style="list-style-type: none"> <li>• Aspeed AST2500 Advanced PCIe Graphics &amp; Remote Management Processor</li> <li>• Baseboard Management Controller</li> <li>• Intelligent Platform Interface 2.0 (IPMI 2.0)</li> <li>• iKVM, Media Redirection, IPMI over LAN, Serial over LAN</li> </ul> |
|                  | Network Controller | <ul style="list-style-type: none"> <li>• Intel® I350 AM4/AM2 co-design to support 2/4 x GbE (SKU option)</li> <li>• Realtek RTL8211EL for BMC dedicated management port</li> </ul>                                                                                                                 |
|                  | Graphics           | <ul style="list-style-type: none"> <li>• Aspeed AST2500 Advanced PCIe Graphics &amp; Remote Management Processor</li> <li>• 2D Video Graphic Adapter with PCIe bus interface</li> <li>• 1920x1200@60Hz 32bpp</li> </ul>                                                                            |

## Top View

300W 1+1 redundant power supply 80+ Gold



(Power supply and Server board are included.)

|                   |                                                                                                                                                                                               |                                                |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Rear I/O          | LAN                                                                                                                                                                                           | 3 x GbE RJ45 (2 x shared, 1 x dedicated)       |
|                   | USB                                                                                                                                                                                           | 2 x USB 3.0 Type-A                             |
|                   | Graphic                                                                                                                                                                                       | Mini display port (enabled with specified CPU) |
|                   | Serial Port                                                                                                                                                                                   | 1 x COM by 3.5mm audio jack                    |
| Power Supply      | 300W 1+1 redundant power supply 80+ Gold<br>• AC INPUT : 100~240V, 50-60Hz, 5-3A<br>• DC 36~72V input power module available (BTO)                                                            |                                                |
| System Cooling    | 3 x 40x56mm hot swap fans                                                                                                                                                                     |                                                |
| System Management | • IPMI 2.0<br>• KVM over IP<br>• Media redirection<br>• KCS (Keyboard Controller Style), IOL (IPMI Over LAN)<br>• SOL (Serial Over LAN) interface<br>• Temp, voltage and fan speed monitoring |                                                |

|                              |                                                                                                                                                                                                 |                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| System Management            | • CPU temperature (PECI)<br>• System temperature<br>• Fan speed detection<br>• Smart fan speed control<br>• System ID / System fail indicator<br>• SMASH support<br>• Remote power on/off/reset |                             |
| Environmental Specifications | • Storage temperature : -10°C(14°F) ~ 60°C(140°F)<br>• Operating temperature : 0°C(32°F) ~ 35°C(95°F)<br>• Storage operating humidity : 5%~95% non-condensing                                   |                             |
| Gross Weight                 | (w/ PSU & Rail)                                                                                                                                                                                 | kgs : 22                    |
|                              |                                                                                                                                                                                                 | lbs : 48.5                  |
| Packaging Dimensions         | (W x D x H)                                                                                                                                                                                     | mm : 590 x 850 x 343        |
|                              |                                                                                                                                                                                                 | inches : 23.2 x 33.5 x 13.5 |
| Mounting                     | Standard                                                                                                                                                                                        | 20" fixed rail              |

## Ordering Information

| SKU Number   | Description                                                                                                                                                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XP1-T116DLXX | 1U FIPS/NEBS compliant network appliance, 300W redundant Gold power supply, Delphinus motherboard supports 1x Intel® Xeon® Processor E-2300 CPU/ DDR4 ECC UDIMM x4, M.2 SATA/PCIe*2, MAX I/O technology support up to 2 COTS, Intel® I350 GbE rear x2, LCM, 20" fixed rail, w/o bezel |