

Ares OTII MEC Server



Ares is a 1U OTII compliant MEC server based on the Intel Xeon-D CPU. It provides an OCP slot and two PCIe slots for expansion in order to achieve the best balance of performance, power consumption and size.

FEATURES

- 1x Xeon-D 2177NT CPU, TDP 105W
 - 14 cores, 28 threads
 - 1.9 GHz Base Frequency
 - 3.0 GHz Max Turbo Frequency
 - 19 MB Cache
- 4x 16GB RDIMM, DDR4-2666, total 64GB
- 1x M.2 SATA 256GB SSD
- 1x M.2 SATA/PCIE x2
- 2x 2.5Inch SATA SSD support hot-plug
- PCIe Expansion
 - 1x PCIe Gen3 x16 Slot, FHFL
 - 1x PCIe Gen3 x16 Slot FHFL (8 of 16 PCIe lanes mixed with OCP2.0 card)
- IO Card
 - 1x OCP2.0 card Type-A PCIe Gen3 x8(Optional)
- Front IO Ports
 - 2x USB 3.0 Ports
 - 4x 10GbE SFP+ / 2x 10GbE SFP+(Optional)
 - 2x 1GbE RJ45
 - 1x VGA port
 - 1x Audio Jack UART
- 1588v2 Support
- Onboard PLL to meet Network high-precision clock
- TPM module Support (Optional)
- BMC Management
 - Standard IPMI2.0
 - Management LAN
 - SOL
 - Cooling management

POWER AND COOLING

- 550W 80 plus Platinum, 1+1 redundant, hot swap PSU
- 100-127, 200-300V AC input / -48V DC Input
- 6x 4028 Fan for system cooling

PHYSICAL DIMENSIONS

- Height: 43.6 mm (1U)
- Width: 438 mm
- Depth: 410 mm

ENVIRONMENTAL

- Operating Temperature: -5°C to 55°C
- Non-Operating Temperature: -30°C to 60°C
- Humidity: 5% to 85% RH
- Operating Altitude: 1362 m
- Acoustic: <70dB, 25°C

APPROVALS

- EMC: Class B, CISPR 22, FCC, ICES-003, CE, CQC, VCCI
- Safety: CB Scheme, UL, cUL, CE, CCC
- Environment: RoHS

Note: All specifications and figures are subject to change without prior notice.

