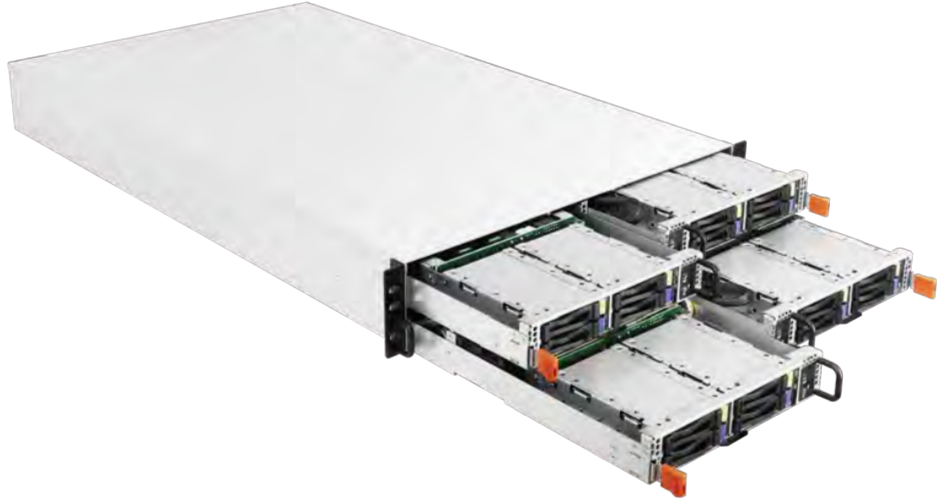


2U4N-F/ROME-M3



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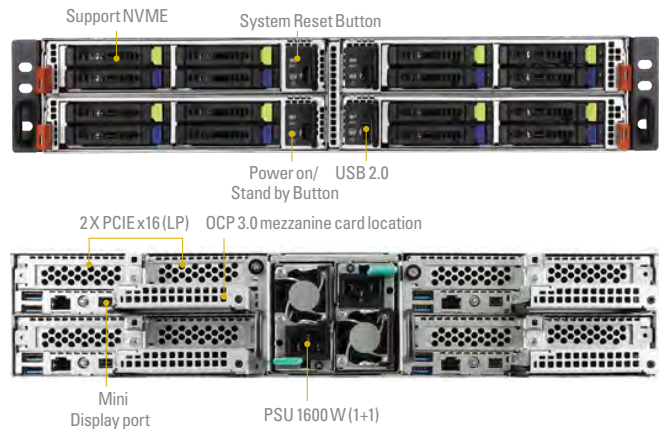


10Gbase-T



OCP NIC 3.0

High Performance and High-density Computing Nodes for HPC, Cloud Computing, Internet Security and Science



Multi-node

2U4N-F/ROME-M3

| | | |
|--------------------------------|--|---|
| System Physical Status | Form Factor Chassis Model Chassis Dimension Support MB Size | 2U Rackmount 2U4N-F 778 x 448 x 86mm Half-Width (20"x6.5")(ROMED8HM3 x 4) |
| CPU | | Single Socket SP3(LGA4094) Supports AMD EPYC™ 7002 and 7001 Series Processors |
| System Memory Per Node | | 8 DIMM Slots, Supports Eight-Channel DDR4 3200/2933 R DIMM (Modules up to 64GB Supported), and LR DIMM (Modules up to 256GB Supported) |
| Front Panel | Buttons LEDs | Power On/Standby Button (Per Node) in the Front System Reset Button (Per Node) in the Front UID Button (per Node) in the Rear HDD Act/Err/Locate LED Power LED (Front Panel Per Node) UID LED (Front Panel Per Node) |
| | I/O Port | 1 x USB 2.0 Port (Per Node) |
| MB Per Node | USB 3.1 Gen 1 VGA LAN Port | 2 1 x Mini DisplayPort (need to bundle ASRockRack special cable for VGA) RJ45: 1(IPMI) LAN Ports with LED (ACT/LINK LED and SPEED LED) |
| Expansion slot | PCIe3.0 x16 OCP Mezzanine 3.0 M.2 | 2 Slots (Low Profile Card) 1 Slot 2 Slots (SATA/PCIe 4.0 x4, 2280/22110/30110) |
| Drive Bay | External | 4 x 2.5" HDD/SSD per node (all SATA or 2 x NVME* + 2 x SATA) |
| Power Supply | Output Watts Efficiency | 2 (1+1) 1600W Redundant Platinum |
| System Cooling Per Node | Fan | 4 x 40*56mm Fans |