

R3216-i3/i5

3U-16 Bay File Server

FEATURES

- 3U-16 Bay storage server with SATA / SAS drives support
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- Trusted Platform Module 2.0 onboard
- Supports 800W / 1200W 1+1 redundant power supply 80+ Platinum

File Servers

Backplane Configuration Options:

- 1 x 16-port 12Gb SATA/SAS with 28-PHY expander



i3

i5

| Model Number | InfiniPlus R3216-i3 | | InfiniPlus R3216-i5 | |
|---------------------|--|---|--|----------|
| Processor | Dual 3 rd Gen Intel® Xeon® Scalable Processor (Ice Lake), TDP: 270W | | Dual 4 th Gen Intel® Sapphire Rapids / 5 th Gen Emerald Rapids Scalable Processor, TDP: 350W | |
| Chipset | Intel® C621A Chipset | | Intel® C741 Chipset | |
| Memory | Supports 16 x DDR4 DIMM slots; 8 Slots per CPU Upto 4TB LRDIMM / RDIMM | | Supports 16 Memory Slots; 8 Slots per CPU Upto 4TB (3DS RDIMM) | |
| Front Panel | System power on/off, System ID, System reset, 2 x USB 3.2 | | | |
| LEDs | Power status, System alert, LAN activity, Drive activity, System ID | | | |
| Drive Bays | External | 16 x 3.5"/2.5" hot swap (SAS/SATA) | 16 x 3.5"/2.5" hot swap (SAS/SATA) 2 x 2.5" SATA hot swap (Rear) | |
| | Internal | 4 x 2.5" internal & 2 x 2.5" hot swap (Rear) 2 x M.2 (NGFF) / M-Key / 2280 | 4 x 2.5" internal | |
| Expansion Slots | PCIe 4.0 | 3 x PCIe x16 slots + 1 x OCP 3.0 2 x PCIe x8 slots | | PCIe 5.0 |
| | | 5 x16 PCIe 5.0/CXL 1 x8 PCIe 5.0/CXL | | |
| Network Controllers | 1 x GbE for dedicated IPMI 1 x GbE for BMC shared NIC | | 1 x GbE for dedicated IPMI 2 x Dual port GbE/ 10G Base-T (NCSI for share NIC) | |
| Rear I/O | USB | 2 x USB 3.2 | | |
| | Video Output | 1 x external DB-15 VGA port | | |
| | Serial Port | 1 x external COM connector | | |
| Security | TPM 2.0 onboard | | TPM 2.0 onboard M.2 connector for PFR (optional) | |
| Power Supply | 800W / 1200W 1+1 Redundant PSU PMBus 1.2 80+ Platinum | | | |
| System Cooling | 3 x 80 x 38 mm hot swap fans, ABS Material Plastic air-duct | | | |
| Dimensions | mm: 430 (W) x 680 (D) x 133 (H) | | | |
| Certification | BIS, RoHS compliant | | | |
| Warranty | 3 Years + 2 Years Extended | | | |