

Intel SDR-2P16D-001 2U Rackmount Server

- Flexible modular design • Scalable memory
- High I/O count • Low operating costs

Supporting enterprise and medium businesses, the Intel SDR-2P16D-001 2U rackmount server features a flexible modular design that supports various power supplies and I/O modules. It is configured with 16x 2.5" HDDs, 24 DDR4 DIMMs, 8 PCIe slots, and a motherboard that supports dual Intel Xeon E5-2600 v3 processors and integrated dual 1GbE or 10GbE NICs, making this the right solution for purpose-built embedded appliances, storage, datacenter and the cloud.

Key Features

- Supports two Intel® Xeon® processor E5-2600 v3 family, 145W maximum
- 24 memory sockets support LR/U/R/NV-DIMMs, up to 3 TB total memory (using 128 GB DIMMS)
- 80 PCIe* Gen 3 and four PCIe Gen 2 lanes available for maximum I/O capacity
- Intel® Trusted Execution Technology (Intel® TXT) support
- Multiple boot options: eUSB SSD, type A USB, and SATA DOM support
- Integrated dual 1 GbE or dual 10 GbE Ethernet port options
- Networking and SAS module expansion options available



SPECIFICATION HIGHLIGHTS

Processor

2x E5-2600 v3 family [supports up to 18 cores per processor and 45MB of cache per CPU]

Networking

2x 1GbE or 2x 10GbE

Storage

16x 2.5" HDD hot swap bays

Chipset

Intel C612

Memory

24x DDR4 ECC REG
2133MT/s DIMM sockets
supporting up to 3TB

Form Factor

2U Rackmount

Power Supply

1100W [option to add second power supply for redundancy]

Contact Information

**SDR-2P16D-001
SPECIFICATIONS**


Form Factor:	2U rackmount
Processor / System Bus:	Socket R3 (LGA2011-3) 2x E5-2600 v3 family (supports up to 18 cores per processor and 45MB of cache per CPU)
Dimensions:	16.93" x 27.95" x 3.44"
Core Logic:	Intel C612
Memory:	24x DDR4 ECC REG 2133MT/s DIMM sockets supporting up to 3TB
Memory Type:	DDR4 ECC 2133/1866/1600 RDIMM DDR4 ECC 2133/1866/1600 LRDIMM Max. Memory Bandwidth: 115 GB/s
Expansion Slots:	8x PCIe 3.0 slots (7 PCI-E x8 3.0 slots, 1 x4 PCI-E 2.0 slots)
Storage:	10x SATA ports Support software RAID 0, 1, 10 (optional 5)
HDD Bays:	16x 2.5" HDD hot swap bays
Networking:	2x 1GbE or 2x 10GbE
On-Board I/O:	5 x USB ports 2 x serial ports 2 x LAN ports
Fans:	6 redundant and hot-swap cooling fans
Power Supply:	1100W (option to add second power supply for redundancy)