

SuperStorage 6049SP-DE2CR60 (Complete System Only)



Integrated Board



Super X11DSC

Views: | [Node Angle View](#) | [Node Top View](#) | [Angled View](#) | [Top View](#) | [Front View](#) | [Rear View](#) |

Complete System Only: To maintain quality and integrity, this product is sold only as a completely-assembled system (with minimum 4 CPUs, 4 DIMMs, 15 HDDs).

▶ [Drivers & Utilities](#) ▶ [BIOS](#) ▶ [IPMI](#) ▶ [Tested Memory](#) ▶ [Manuals](#) ▶ [OS Certification Matrix](#) ▶ [Drive Options](#) ▶ [Firmware](#)

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Introducing Supermicro's New Generation Top Loading Storage Systems for High Capacity Cloud-Scale Deployments



Key Applications

- Big Data & Analytics, Data Lake
- HPC and AI/ML Workloads
- Telco & Cloud Service Providers
- Financial Services & Healthcare Image Archives
- Content Repositories
- Government Data Protection

Key Features

1. Dual Node (HA), Enterprise High Availability (SBB) Architecture (shared storage); Fully serviceable and redundant

Two hot-pluggable systems (nodes) in a 4U form factor. Each node supports the following:

2. Dual Socket P (LGA 3647) support
2nd Gen Intel® Xeon® Scalable processors (Cascade Lake/Skylake)‡

3. 16 DIMMs; up to 4TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM††

4. 2 PCI-E 3.0 x16 (HHHL),
1 PCI-E 3.0 x8 (HHHL)

5. 60x 3.5"/2.5" Hot-swap SAS3 drives,
2x Fixed slim SATA SSD, 2x NVMe M.2 (form factor: 2280 and 22110)

6. Dual Broadcom 3616 IT Mode

7. Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN

8. 6x 8cm hot-swap counter-rotate redundant PWM cooling fans

9. 2600W Redundant Power Supplies
Titanium Level (96%)

10. Dedicated node to node connectivity featuring high performance NTB PCI-E 3.0 x16, 1G private Ethernet, and IPMI for robust node fail-over support

Product SKUs**Motherboard (Two per System)****Processor/Cache (per node)****System Memory (per node)****On-Board Devices (per node)****Input / Output (per node)****System BIOS****Management****PC Health Monitoring****Chassis****Dimensions****Front Panel****Expansion Slots (per node)****Drive Bays****Backplane****System Cooling****Power Supply****Operating Environment**

Optional Parts List

	Part Number	Qty	Description
Global Services & Support	OS4HR3/2/1	-	3/2/1-year onsite 24x7x4 service
	OSNBD3/2/1	-	3/2/1-year onsite NBD service
Software	SFT-OOB-LIC • eStore	1	OOB Management Package (per node license)
Software	SFT-DCMS-Single	1	DataCenter Management Package (per node license)