SuperStorage 6049SP-DE2CR90 (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, 30 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. 90x 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)