

SuperStorage 6038R-E1CR16N



HW SAS3 Controller



Storage Expandable

Integrated Board



Super X10DRi-T4+

Key Features

1. Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4[†]/ v3 family; QPI up to 9.6GT/s
2. Up to **3TB[†]** ECC 3DS LRDIMM , up to DDR4- **2400[†]**MHz ; 24x DIMM slots
3. 2 PCI-E 3.0 x16, 3 PCI-E 3.0 x8, 1 PCI-E 2.0 x4 (in x8); Slot 3 & 1 occupied by controller and JBOD expansion port)
4. Quad 10GBase-T LAN w/ Intel® X540
5. 16x 3.5" Hot-swap SAS3/SATA3 drive bays; 2x 2.5" optional Hot-swap SATA drive bays (rear)
6. Hardware RAID controller and JBOD Expansion; RAID 0, 1, 5, 6, 10, 50, 60
7. Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
8. 2x 80mm hot-swap rear exhaust PWM fans
9. 920W Redundant Power Supplies **Platinum Level (94%)**

[▶ Drivers & Utilities](#)
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Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Product SKUs

Motherboard

Processor/Cache

System Memory

On-Board Devices

Input / Output

Chassis

Dimensions

Front Panel

Expansion Slots

Drive Bays

Backplane

System Cooling

Power Supply with Power Distributor

System BIOS

Operating Environment / Compliance

Parts List - (Items Included)

| | Part Number | Qty | Description |
|------------------------------|---------------------|-----|---|
| Motherboard / Chassis | MBD-X10DRi-T4+ | 1 | Super X10DRi-T4+ Motherboard 3U Chassis |
| | CSE-836BE1C-R920B | 1 | |
| Backplane | BPN-SAS3-836EL1 | 1 | 16-port 3U SAS3 12Gbps single-expander backplane, support up to 16x 3.5-inch SAS3/SATA3 HDD/SSD |
| Cable 1 | CBL-SAST-0531 | 4 | MINI SAS HD,12G,INT,80CM,30AWG |
| Label | LBL-0108 | 1 | CAUTION LABEL FOR REDUNDANT PWR SYSTEMS |
| Parts | MCP-260-00042-0N | 1 | STD I/O shield for X9 socket R server MB with Gasket. |
| Heatsink / Retention | SNK-P0048P | 1 | 2U Passive CPU Heat Sink for X9, X10 Generation Systems Equipped w/ a Square ILM MB |
| Heatsink / Retention | SNK-P0048AP4 | 1 | 2U Active CPU Heat Sink for Intel R2/R3/B2/B3 and AMD C32 |
| Power Supply | PWS-920P-SQ | 2 | 920W 1U Redundant PWS W/ Quiet Mode |
| Fan | FAN-0125L4 | 2 | 80x32 mm 6.7K RPM SC836 Rear Exhaust Fan w/ Housing |
| Add On Card | AOC-S3108L-H8IR-O-P | 1 | SAS-3, GEN-3 RAID card. Supports 12Gb and RAID 0, 1, 5, 6, 10, 50, and 60. Includes 2GB memory |
| Add On Module | AOM-SAS3-8I8E | 1 | 8-port Mini SAS HD Int-to-Ext cable adapter w/FH bracket,HF,RoHS/REACH |

Optional Parts List

| | Part Number | Qty | Description |
|--------------------------------------|--|-----|---|
| 3108 Cache Protection | BTR-TFM8G-LSICVM02 | 1 | SuperCap Module Mounting PCIe Card |
| | BKT-BBU-BRACKET-05 | - | |
| HDD bracket | MCP-220-82611-0N | 1 | Dual 2.5" fixed HDD tray HDD Power Cable HDD SATA Cable |
| | CBL-0289L | 1 | |
| | CBL-0473L | 2 | |
| Rear Window | MCP-220-83608-0N | - | Rear hot-swap drive bay for 2x 2.5" drives |
| Global Services & Support | OS4HR3/2/1 | - | 3/2/1-year onsite 24x7x4 service 3/2/1-year onsite NBD service |
| | OSNBD3/2/1 | - | |
| Software | SFT-OOB-LIC • eStore | 1 | OOB Management Package (per node license) |
| Software | SFT-DCMS-Single | 1 | DataCenter Management Package (per node license) |