

**Broadberry**

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**QUOTE**

<b>Quote #</b>	<b>211216-16A</b>
<b>Date</b>	<b>12/16/2021</b>

<b>Quote For:</b>
Cristina NA

<b>Sales Representative</b>	
Gary Hoehn	
Email	Garyh@sourcecode.com
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Qty	Part Number	Product Description	Unit Price	Extended Price
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1	SuperStorage Server 6049P-E1CR36H		\$25,425.00	\$25,425.00
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**RAID Configuration**

LSI 3108 [SAS 12, 36 devices] RAID 6 (\*OS) -> 32 x 16TB SATA 6.0Gb/s 7200RPM - 3.5" - Ultrastar DC HC550 (512e/4Kn) Hot Spare -> 2 x 16TB SATA 6.0Gb/s 7200RPM - 3.5" - Ultrastar DC HC550 (512e/4Kn)

**Power Estimate**

Watts(AC In): 689.18, Volt-Amps: 725.45, BTU/h: 2351.56, Amps(110V): 6.59, Amps(208V): 3.49

- Supermicro SuperStorage Server 6049P-E1CR36H - 36x SATA/SAS - LSI 3108 12G SAS - Dual 10-Gigabit Ethernet - 1200W 1+1 Redundant
- 2 x Intel Xeon Silver 4214 Processor 12-Core 2.2GHz 17MB Cache (85W)
- 12 x 16GB PC4-25600 3200MHz DDR4 ECC RDIMM
- 480GB Micron 5300 PRO Series 2.5" SATA 6.0Gb/s Solid State Drive
- 34 x 16TB SATA 6.0Gb/s 7200RPM - 3.5" - Ultrastar DC HC550 (512e/4Kn)
- No Optical Drive Support
- Supermicro AOC-S3108L-H8IR SAS 3.0 12Gb/s 8-port RAID Controller with 2GB Cache
- Supermicro CacheVault Module for Broadcom 3108 12Gb/s SAS Controller
- Remote Battery Mounting Bracket (LSI00291)
- Supermicro System Cabinet Front Bezel MCP-210-84601-0B (Black)
- Supermicro Update Manager (SUM) (OOB Management Package)
- Ubuntu Linux 20.04 LTS Server Edition (64-bit)
- 3 Year Advanced Parts Replacement Warranty (Zone 0)

**Barebone**

Memory Technology	DDR4 ECC Reg
Chipset	Intel C622
Form Factor	4U
Color	Black
Memory Slots	16x 288-pin DIMM Sockets
Graphics	ASPEED AST2500 BMC
Ethernet	Intel X557 10GBase-T Ethernet Controller
Power	1200W Redundant Power Supplies with PMBus
External Bays	36x Hot-swap 3.5" SAS3/SATA3 drive bays 2x rear Hot-swap 2.5" SATA3 drive bays
M.2	2x Optional Onboard NVMe M.2
Expansion Slots	3x PCI-E 3.0 x16 slot 4x PCI-E 3.0 x8 slots
Front Panel	Power On/Off button System Reset button Power status LED Hard drive activity LED Network activity LEDs System Overheat LED Power fail LED
Dimensions (WxHxD)	17.2" (437mm) x 7" (178mm) x 27.5" (699mm)

**Controller**

Product Type	SAS RAID Controller
Data Transfer Rate	12Gb/s SAS
Internal Ports	8 Ports
External Ports	0 Ports
I/O Processor	LSI SAS3108
Cache Memory	2GB DDR3

RAID Levels	0, 1, 5, 6, 10, 50, 60
Max Devices	240
<b>Hard Drive</b>	
Storage Capacity	16TB
Interface	6.0Gb/s Serial ATA
Rotational Speed	7200RPM
Cache	512MB
Format	512e/4Kn
<b>Memory</b>	
Technology	DDR4
Type	288-pin DIMM
Capacity	16 GB
Speed	3200 MHz
Error Checking	ECC
Signal Processing	Registered
<b>Processor</b>	
Product Line	Xeon Scalable 2nd Gen
Socket	LGA3647
Clock Speed	2.20 GHz
Cores/Threads	12C / 24T
Intel Virtualization Technology	Yes
Intel Hyper-Threading	Yes
Wattage	85W
<b>Solid State Drive</b>	
Storage Capacity	480GB
Interface	6.0Gb/s Serial ATA
Endurance	1.5 DWPD
Read IOPS	85,000 IOPS
Write IOPS	36,000 IOPS
Read Speed	540 MB/s
Write Speed	410 MB/s
NAND	Micron 96-layer 3D TLC NAND

SubTotal	\$25,425.00
Sales Tax (6.25%)	\$1,589.06
Freight	Not Included

Quote expires Dec 31st, 2021

**Total \$27,014.06**