Silicon Mechanics

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Silicon Mechanics
232 Vanderbilt Ave
Norwood, MA 02062
1-866-352-1173

Quote

Date	Quote #	Expires
08 / 23 / 2024	240823-33B	09 / 07 / 2024

Bill To:

University of New Mexico
1 University of New Mexico
MSC07 4220
Albuquerque, NM 87131
ecrozier@unm.edu
5059183125

Ship To:

Albuquerque, NM 87131
Ship Via: FedEx Economy Freight

Prepared By:

Robert Rawlings
rob.rawlings@siliconmechanics.com
866-352-1173

Quantity	Description	Price Each	Amount
1	**Rackform U637.v9** 32 Cores @ 3.6GHz 512GB 4800MHz DDR5 ECC RAM 2x 480GB Kioxia CD6-V Series U.3 Mirrored - OS) 2x 25GbE SFP28 + 2x 10GbE RJ45 -9500-16e HBA provides two additional ports for expanding storage. · 2U Server - 12x 2.5-inch Hybrid + 12x 2.5-inch NVMe - Dual-Port Ethernet (RJ45) - 2000W 1+1 Redundant · 2 x Intel Xeon Scalable Gold 6544Y, 3.6GHz (16-Core, HT, 5200 MT/s) 270W · 16 x 32GB PC5-38400 4800MHz DDR5 ECC RDIMM · 2 x 480GB Micron 5400 PRO Series 2.5" SATA 6.0Gb/s Solid State Drive · Broadcom NetXtreme 25-Gigabit Ethernet Network Adapter P225P - PCIe 3.0 x8 - 2x SFP28 · Broadcom HBA 9500-16e SAS3/SATA 16-Port Tri-Mode Host Bus Adapter - PCIe 4.0 x8 · 2 x AC Power Cord (North America), C13, NEMA 5-15P, 3 ft. · 2 x IEC320 C13 to C14 Power Cable - 16AWG - 250V/13A - 3ft / 0.9M (TAA Compliant) · Standard Rail Kit for 1U/2U Servers (Square Hole) (Included) · No Operating System · 3-Year Silicon Mechanics Advanced Parts Replacement Warranty (Zone 0)	16,618.54	16,618.54
1	**SuperChassis 847E2C-R1K23JBOD** 42x 20TB SAS 3.0 12.0Gb/s 7200RPM - 3.5" - Ultrastar DC HC560 (RAID z2 - DATA) 2x 20TB SAS 3.0 12.0Gb/s 7200RPM - 3.5" - Ultrastar DC HC560 (HOT SPARES) JBOD 7x 20TB Ultrastar DC HC560 SAS HDD Per (RAID z2 vdev) -100TB Capacity per vdev 6x 100TB vdevs 600TB Total Capacity ~540TB Usable Capacity -Connect two mini-SAS HD cables (SFF-8644) from the head server node host bus adapter (HBA) card to the two primary marked In. · Supermicro SuperChassis 847E2C-R1K23JBOD - 4U - 44 x 3.5" SAS3 - 12Gb/s Dual Expander - 1200W 1+1 Redundant · 44 x 20TB SAS 3.0 12.0Gb/s 7200RPM - 3.5" - Seagate Exos X20 Series FastFormat (512e/4Kn) · I have an existing Host Server or Adapter · 2 x Supermicro CBL-SAST-0690 - External 12Gb/s SAS Cable - SFF-8644 to SFF-8644 (2M) (28AWG) · 2 x IEC320 C13 to C14 Power Cable - 16AWG - 250V/13A - 2ft / 0.6M (TAA Compliant) · Quick-Release Mounting Rails for Short-Depth Rack - 19.0" to 26.6" · 3 Year Advanced Parts Replacement Warranty (Zone 0)	23,355.09	23,355.09

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Quantity	Description	Price Each	Amount
1	**NVMe Drives** 8x 15.36TB Micron 7450 PRO Series U.3 NVMe (RAID z2-DATA) Headnode -8x 15.36TB Micron 7450 PRO Series U.3 NVMe (RAID z2 vdev) -1x 92TB vdevs -92TB total storage ~83TB usable storage · 8 x 15.36TB Micron 7450 PRO Series U.3 PCIe 4.0 x4 NVMe Solid State Drive (15mm)	10,712.20	10,712.20
1	**Cache Drives** Headnode -2x 1.6TB Micron 7450 MAX Series U.3 NVMe (Mirrored - ZIL/SLOG) -2x 3.84TB Micron 7450 PRO Series U.3 NVMe (Striped - L2ARC) · 2 x 3.84TB Micron 7450 PRO Series U.3 PCIe 4.0 x4 NVMe Solid State Drive (15mm) · 2 x 1.6TB Micron 7450 MAX Series U.3 PCIe 4.0 x4 NVMe Solid State Drive (15mm)	1,209.76	1,209.76

Subject to appropriate tax. Quoted tax amount is subject to change. Subject to warranty terms and conditions:
https://www.siliconmechanics.com/terms-and-conditions

Subtotal	51,895.59
Sales Tax (0%)	0.00
FedEx Economy Freight	830.00
Total	**USD 52,725.59**