

SUPERMICRO / MICRO STRATEGIES SOLUTION SUMMARY FOR OSN

SuperRack System	SRS-42UCEPH-OSN-MS046	
Rack Enclosure	1	APC AR3350 NetShelter SX 42U 750mm Wide x 1200mm Deep
	1	AR8101BLK APC Airflow Management 1U, 2U, 4U, 8U blanking panels
	1	AR8122BLK APC Fixed Shelf 250lbs/114kg
GbE Management Switch	1	Netgear M4300-28G 1U RM L3 Managed Switch 24xGbE 2x10GbE 2x10GbE SFP+
	1	APS150W-100NES Netgear ProSafe 150W Power Module for M4300-28G
100GbE High-Speed Switch	1	MSN2100-CB2F Mellanox 16 port 100Gb Ethernet Switch
	2	MMA1B00-C100D Mellanox Transceiver 100GbE QSFP28 1
	1	SUP-SN1000-5S Mellanox 5 year Silver tech support
KVM-over-IP Switch	1	DLX-216 Raritan Dominion LX 2- IP User, 16-Port KVM Switch
PDU	2	MNU3EGW1 Vertiv-Geist Managed PDU (IEC 60309 60A 3P4W) Switched Receptacles: (18x) C13, (6x) C19
Custom 1U Server	SYS-1019P-WTR-01-MS046	
OSN Monitor Nodes	3	(1x) UP 1U WIO X11SPW-TF, 116AC2-R504WB
		(1x) SKL 5115, 10C/20T, 2.4G, 85W
		(6x) 32GB DDR4-2666
		(2x) Intel D3-S4510, 240GB SSD
		(2x) Samsung PM983, 1.9TB, NVMe
		(2x) Mellanox ConnectX-4 EN, 50GbE, 1-port QSFP28
		(1x) Supermicro System Managment Software Suite
Custom 4U Server	PIO-5049P-E1C36-01-MS046	
OSN Data Nodes	5	(1x) 4U SC847B LP Chassis SAS3, 1200W
		(1x) MB X11SPL Skylake-EP (LGA3647)
		(1x) SKL 6140, 18C/36T, 2.3G, 140W
		(8x) 32GB DDR4-2666
		(36x) Seagate 3.5", 8TB, SAS3
		(2x) Intel D3-S4510 240GB SSD
		(2x) LSI 3008 SAS3 HBA, 12Gb, 8 internal ports
		(2x) Mellanox ConnectX-4 EN network, 50GbE, 1-port QSFP28
		(1x) Supermicro System Managment Software Suite

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