

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
Socket E2 / LGA4710-2 (MB support power up to 350w)		Base Frequency	Code Name	Stepping level
Q4W3 Intel® Xeon® 6710E CPU @ 1.80GHZ 205W	Intel	2.40GHZ	QS Sierra Forest	C-0
Q4VY Intel® Xeon® 6756E CPU @ 1.80GHZ 225W	Intel	1.80GHZ	QS Sierra Forest	C-0
Q7C5 Intel® Xeon® 6527P CPU @ 3.00GHZ 255W	Intel	3.00GHZ	Granite Rapids	H-0
Q7C3 Intel® Xeon® 6520P CPU @ 2.40GHZ 210W	Intel	2.40GHZ	Granite Rapids	H
Q7C4 Intel® Xeon® 6530P CPU @2.3 GHz 225W	Intel	2.20GHZ	Granite Rapids	H
Q7AV Intel® Xeon® 6736P CPU @ 2.0 GHz 205W	Intel	2.0 GHz	Granite Rapids	H

Register Memory		Model Name	P/N	Remark
16G DDR5 5600 R-DIMM	SKhynix	SKhynix DDR5 16GB 1Rx8 PC5-5600B-RD0-1010-XT	HMCG78AGBRA191N BB	
16G DDR5 6400 R-DIMM	Micron	16GB 1Rx8 6400 CL52	MTC10F1084S1RC64BD2	
24G DDR5 5600 R-DIMM	Micron	24GB 1Rx8 6400 CL52 RDIMM	MTC10F108YS1RC64BC1	
32G DDR5 5600 R-DIMM	Samsung	32GB 1Rx4 PC5-5600B-RC0-1010-XT	M321R4GA0PB0-CWMXJ	
32G DDR5 6400 R-DIMM	SKhynix	32GB 2Rx8 PC5-6400 RDIMM	HMCG88AHBRA478N	
	TRUSTA	DDR5 EC8 RDIMM 32GB 2Rx8 PC5-6400B-RE1-1312-XT	TR5R32GS64A208HA-220	
48G DDR5 6400 R-DIMM	Micron	48GB 1Rx4 6400 CL52 RDIMM	MTC20F104XS1RC64BC1	
		48GB 2Rx8 6400 CL52 RDIMM	MTC20F208XS1RC64BC1	
64G DDR5 6400 R-DIMM	Micron	Micron 64GB 2Rx4 6400B DDR5	MTC40F2046S1RC64BD2	AIC MWFF 64G 6400 MTC40F2046S1RC64BD2R 2 AIC MXCC 64G 6400 MTC40F2046S1RC64BD2R 6 AIC QSFF 64G 6400 MTC40F2046S1RC64BD2R 6 AIC QWCC 64G 6400 MTC40F2046S1RC64BD2R 6 AIC USFF 64G 6400 MTC40F2046S1RC64BD2R 6 AIC UXCC 64G 6400 MTC40F2046S1RC64BD2R 6

PCIe M.2 SSD		Model Number	P/N	Type
Crucial T700 1TB PCIe Gen5 NVMe M.2 SSD	Crucial	Crucial T700 1TB PCIe Gen5 NVMe M.2 SSD	CT1000T700SSD5	
Micron M.2 7450Pro MTFDKBA960TFR-1BC1ZABYY 960GB	Micron	Micron 7450 PRO PCIe Gen4 M.2 2280 960GB SSD	MTFDKBA960TFR-1BC1ZABYY	Performance is limited by M.2 slot PCIe lane width
Micron M.2 7450Pro MTFDKBA480TFR-1BC1ZABYY 480GB		Micron 7450 PRO PCIe Gen4 M.2 2280 480GB SSD	MTFDKBA480TFR-1BC1ZABYY	Performance is limited by M.2 slot PCIe lane width

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
SUNRICH_N-830_1Gbs_Quad_Port_OCP3.0	SUNRICH	I350-AM4_Quad_Port_1_Gbs_OCP3.0	PN40350-7G2B	
SUNRICH_N-900_Dual_Port_10_Gbs_OCP3.0		Dual-Port 10G SFP+ Ethernet Adapter for OCP 3.0	PN4X710-6G2A	
SUNRICH_N-910_Quad_Port_25_Gbs_OCP3.0		Quad_Port_25_Gbs_Network_Interface_Card	PN4E810-4G2B	Nic card FW update : v4.30
SUNRICH_N-1000_Dual_Port_25_Gbs_OCP3.0		E810 Dual Port 25 Gb/s Network Interface Card	PN4E810-6G2A	
SUNRICH_N-1030_Dual_Port_100_Gbs_OCP3.0		E810 Dual Port 100 Gb/s Network Interface Card	PN4E810-5G2A	
Intel Ethernet E810-XXVDA2 Dual Port 25 Gbs	Intel	Dual Port 25 Gb/s Network Interface Card	E810-XXVDA2	Nic card FW update : v4.30
Intel E810-CQDA2 K98472-004		E810-CQDA2	K98472-004	PCIe 4.0 OCP 3.0
Mellanox 200GB MCX755106AC-HEAT	Mellanox	Mellanox 200GB MCX755106AC-HEAT	MCX755106AC-HEAT	PCIe 5.0

HBA & Raid		Model Name	S/N, P/N	Remark
Broadcom MegaRAID 9524-8i	Broadcom	Broadcom MegaRAID 9524-8i		

Supported UEFI OSs				
Windows Server 2025 (onboard SATA AHCI mode x64)				
Windows Server 2025 (onboard SATA-Raid0 mode x64)				



Windows Server 2025 (onboard SATA-Raid1 mode x64)				
Windows Server 2025(onboard NVMe M.2 mode x64)				
Ubuntu Desktop 22.04.1 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 22.04.3 (onboard SATA AHCI mode x64)				

monthly update items