

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
Intel® Xeon® 6710E CPU @ 1.80GHZ 205W	Intel	2.40GHZ	Sierra Forest	C-0
Intel® Xeon® 6521P CPU @ 2.6GHZ 225W	Intel	2.6GHZ	Granite Rapids	H
Intel® Xeon® Q46Q CPU @ 1.7GHZ 290W	Intel	1.7GHZ	Sierra Fores	A-0
Intel® Xeon® 6731E CPU @ 2.20GHZ 250W	Intel	2.20GHZ	Sierra Fores	C-0
Intel® Xeon® 6740E CPU @ 2.40GHZ 250W	Intel	2.40GHZ	Sierra Fores	C-0
Intel® Xeon® 6747P CPU @ 2.70GHZ 330W	Intel	2.70GHZ	Granite Rapids	B
Intel® Xeon® 6781P CPU @ 2.0GHZ 350W	Intel	2.0GHZ	Granite Rapids	C-0
Intel® Xeon® 6520P CPU @ 2.4 GHz 210W	Intel	2.4 GHz	Granite Rapids	
Intel® Xeon® 6740P CPU @ @ 2.1GHz 270W	Intel	2.1GHz	Granite Rapids	
Intel® Xeon® 6741P Processor @ 2.5 GHz 300W	Intel	2.5 GHz	Granite Rapids	H-0
Intel® Xeon® 6761P Processor @ 2.5GHz 350W	Intel	2.5 GHz	Granite Rapids	

Register Memory		Model Name	P/N	Remark
32G DDR5 5600 R-DIMM	Micron	32GB 5600 MTC20F2085S1RC56BD1	MTC20F2085S1RC56BD1	
16G DDR5 6400 R-DIMM	Micron	16GB 1Rx8 6400 RDIMM	MTC10F1084S1RC64BD2	
24G DDR5 6400 R-DIMM	Micron	24GB 1Rx8 6400 RDIMM	MTC10F108Y1RC64BC1	
32G DDR5 6400 R-DIMM	Micron	32GB 1Rx4 PC5 6400B RDIMM	MTC20F1045S1RC64BD2	
		DDR5 RDIMM 32GB 2Rx8 6400	MTC20F2085S1RC64BD2	
		TRUSTA DDR5 EC8 RDIMM 32GB 2Rx8 6400	TR5R32GS64A208HA-220	
48G DDR5 6400 R-DIMM	Micron	48GB 1Rx4 6400 CL52 RDIMM	MTC20F104XS1RC64BC1	
		DDR5 RDIMM 48GB 2Rx8 6400 CL52	MTC20F208XS1RC64BC1	
64G DDR5 6400 R-DIMM	Micron	DDR5 RDIMM 64GB 2Rx4 6400 CL52	MTC40F2046S1RC64BD2	
128G DDR5 6400 R-DIMM	Micron	128GB 2Rx4 6400 CL52 RDIMM	MTC40F2047S1RC64BB1	

Multiplexed Rank Memory		Model Name	P/N	Remark
32G DDR5 8800 MRDIMM	Micron	DDR5 MRDIMM 32GB 2Rx8 8800 CL36	MTC20F2085S1HC88XD1	
64G DDR5 8800 MRDIMM	Micron	DDR5 MRDIMM 64GB 2Rx4 8800 CL36	MTC40F2046S1HC88XD1	

SATA M.2 SSD		Model Number	P/N	Type
Phison M.2 SSD 256GB SM8256GPYCJGBAIC-S112	Phison	256GB SM8256GPYCJGBAIC-S112	SM8256GPYCJGBAIC-S112	
MEMPHIS Electronic 256GB	MEMPHIS	MEMPHIS Electronic 256GB	MEM256GS8T-S30R72-PM3TC	

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Broadcom BCM957508-P2100G	Broadcom	BCM957508-P2100G Dual Port 100Gbs	BCM957508-P2100G	
Broadcom BCM957412A4120AC_04	Broadcom	PCIe standard slot 10G SFP+ dual port	BCM957412A4120AC_04	
Broadcom BCM957608-P2200GQF00 Dual Port 200G	Broadcom	BCM957608-P2200GQF00 Dual Port 200G	BCM957608-P2200GQF00	
Mellanox 200GB MCX755106AC-HEAT	Mellanox	Mellanox 200GB MCX755106AC-HEAT	MCX755106AC-HEAT	PCIe 5.0

Supported UEFI OSs				
Windows Server 2022 (onboard SATA AHCI mode x64)				
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 M.2 AHCI mode x64)				
Ubuntu Desktop 22.04.1 (onboard SATA AHCI mode x64)				

monthly update items