

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
Socket P+ LGA-4189 (MB support power up to 270w)		Base Frequency	Code Name	Stepping level
AMD EPYC™ 8124P @ 2.45 GHz 125W	AMD	2.45 GHz	Siena	M-1
AMD EPYC™ 8224P @2.55 GHz 160W	AMD	2.55 GHz	Siena	
AMD EPYC™ 8324P @2.65 GHz 180W	AMD	2.65 GHz	Siena	
AMD EPYC™ 8534P @ 2.3 GHz 200W	AMD	2.3 GHz	Siena	

Register Memory		Model Name	P/N	Remark
16G DDR5 4800 R-DIMM	SKhynix	16GB 1Rx8 PC5-38400 DDR5-4800MHz	HMCG78AEBRA107N	
32G DDR5 4800 R-DIMM	Micron	DDR5 4800 RDIMM	MTC20F1045S1RC48BAXBAAFB	
16G DDR5 5600 RDIMM	SKhynix	DDR5 RDIMM 16GB 1Rx8 5600 CL46	HMCG78AGBRA191N	Maximum Supported Memory Speed: 4800 MHz
	Micron	64GB 2RX4 PC4-3200AA-RB2-14	MTA36ASF8G72PZ-3G2F1VI	Maximum Supported Memory Speed: 4800 MHz
	Micron	DDR5 RDIMM 16GB 1Rx8 6400 CL52	MTC10F1084S1RC64BD2	Maximum Supported Memory Speed: 4800 MHz
	Transcend	16GB DDR5 5600 RDIMM 1RX8	TS2GAR80V6E	Maximum Supported Memory Speed: 4800 MHz
32G DDR5 5600 RDIMM	SKhynix	DDR5 RDIMM 32GB 2Rx8 5600	HMCG88AGBRA191N	Maximum Supported Memory Speed: 4800 MHz
	Micron	DDR5 RDIMM 32GB 2Rx8 5600	MTC20F2085S1RC56BD1	Maximum Supported Memory Speed: 4800 MHz
	ADATA	DDR5 RDIMM 32GB 2Rx8 5600	TR5R32G556A208HA-410	Maximum Supported Memory Speed: 4800 MHz
24G DDR5 6400 RDIMM	Micron	Micron DDR5 RDIMM 24GB 1Rx8 6400	MTC10F108Y51RC64BC1	Maximum Supported Memory Speed: 4800 MHz
32G DDR5 6400 R-DIMM	Micron	32GB DDR5 1Rx4 6400 CL52	MTC20F1045S1RC64BD2	Maximum Supported Memory Speed: 4800 MHz
		DDR5 RDIMM 32GB 2Rx8 6400	MTC20F2085S1RC64BD2	Maximum Supported Memory Speed: 4800 MHz
		32GB DDR5 5600 RDIMM 2RX8	TS4GAR80V6E	Maximum Supported Memory Speed: 4800 MHz
48G DDR5 6400 R-DIMM	Micron	48GB DDR5 RDIMM 1Rx4 6400 CL52	MTC20F104XS1RC64BC1	Maximum Supported Memory Speed: 4800 MHz
		DDR5 RDIMM 48GB 2Rx8 6400 CL52	MTC20F208XS1RC64BC1	Maximum Supported Memory Speed: 4800 MHz
64G DDR5 6400 R-DIMM	Micron	DDR5 RDIMM 64GB 2Rx4 6400 CL52	MTC40F2046S1RC64BD2	Maximum Supported Memory Speed: 4800 MHz
96G DDR5 6400 R-DIMM	Micron	96GB DDR5 2Rx4 6400 CL52	MTC40F204WS1RC64BC1	Maximum Supported Memory Speed: 4800 MHz
128G DDR5 6400 R-DIMM	Micron	DDR5 RDIMM 128GB 2Rx4 6400 CL52	MTC40F2047S1RC64BB1	Maximum Supported Memory Speed: 4800 MHz

SATA 2.5" SSD		Model Name	P/N	Remark
Crucial 240GB CT240BX500SSD1 BX500 SATA SSD	Crucial		CT240BX500SSD1	
Intel 480GB SATA 6 GB/s SSDSC2KG480G801	Intel		SSDSC2KG480G801	
WD Blue SA510 SATA SSD 2.5 500GB WDS500G3B0A	WD Blue	SA510 SATA SSD 2.5 500GB	WDS500G3B0A	

PCIe M.2 SSD		Model Name	P/N	Remark
Micron M.2 7450Pro_MTFDKBA960TFR-1BC1ZABYY_960GB	Micron	Micron 7450Pro PCIe Gen4x4	MTFDKBA960TFR-1BC1ZABYY	Performance is limited by M.2 slot PCIe lane width

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Intel Ethernet X710-DA4	Intel	X710DA4G2P5	X710-DA4	
Mellanox MCX653106A-HDAT	Mellanox	MCX653106A-HDAT Dual Port 200Gbs	MT2034T08572	

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 M.2 AHCI mode x64)				
Windows Server 2025 (onboard M.2 mode x64)				
Ubuntu Desktop 24.04.4 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 24.04.4 (onboard SATA-Raid0 mode x64)				
Ubuntu Desktop 24.04.4 (onboard SATA-Raid1 mode x64)				
Ubuntu Desktop 24.04.4 (onboard SATA M.2 AHCI mode x64)				
Ubuntu Desktop 24.04.4 (onboard NVMe M.2 mode x64)				