

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
MB support power up to 400w		Base Frequency	Code Name	Cores
AMD EPYC 9124 Processor 200w	AMD	3.0GHZ	100-000000802	16
AMD Genoa B0-2223PGT Processor 360W	AMD	2.6GHz	100-000000894-04	96
AMD BERGAMO EPYC™ 9734 Processor 340W	AMD	2.2GHz	100-000000669	112
AMD EPYC 9654 Processor 360W	AMD	2.4GHz	100-000000789	96
AMD Turin EPYC™ 9015 125W	AMD	3.6 GHz	100-000001553	8

Register Memory		Model Name	P/N	Remark
DDR5 other R-DIMM	Micron	MTC40F2047S1RC56BB1 DDR5 128GB 2RX4 PC5-5600B-RA0-1211-XT	MTC40F2047S1RC56BB1 Process code-QLFF、MLCC、MMCC	QLFF: JDIMMA0、JDIMMB0、JDIMMG0 MLCC: JDIMMC0、JDIMME0 MMCC: JDIMMH0、JDIMMIO、JDIMMK0
		MTC40F2047S1RC56BB1 DDR5 128GB 2RX4 PC5-5600B-RA0-1211-XT	MTC40F2047S1RC56BB1 Process code-MPFF、UPCC、MMCC	MPFF: JDIMMIO、JDIMMK0 UPCC: JDIMMA0、JDIMMB0、JDIMMC0、JDIMMG0、JDIMMH0 MMCC: JDIMME0
		MTC40F2046S1RC64BD2 DDR5 64GB 2RX4 PC5-6400B-RA1-1211-XT	MTC40F2046S1RC64BD2 Process code-MWFF、MXCC、QSFF、QWCC、USFF、UXCC	MXCC: JDIMMIO、JDIMMB0 QSFF: JDIMMC0、JDIMME0 QWCC: JDIMMG0 UXCC: JDIMMH0 MWFF: JDIMMIO USFF: JDIMMK0
		MTC10F1084S1RC64BD2 DDR5 16GB 1RX8 PC5-6400B-RD1-1211-XT	MTC10F1084S1RC64BD2 Process code-QSFF	
		MTC20F2085S1RC64BD2 DDR5 32GB 2RX8 PC5-6400B-RE1-1211-XT	MTC20F2085S1RC64BD2	CPU: Genoa
		MTC20F2085S1RC64BD2 DDR5 32GB 2RX8 PC5-6400B-RE1-1211-XT	MTC20F2085S1RC64BD2	CPU: Turin
		MTC10F108YS1RC64BC1 DDR5 RDIMM 24GB 1Rx8 6400	MTC10F108YS1RC64BC1	CPU: AMD EPYC 9475F(Turin)
		MTC20F208XS1RC64BC1 DDR5 RDIMM 48GB 2Rx8 6400	MTC20F208XS1RC64BC1	
		MTC20F104XS1RC64BC1 DDR5 RDIMM 48GB 1Rx4 6400	MTC20F104XS1RC64BC1	CPU: AMD EPYC 9475F(Turin)
		MTC40F2046S1RC64BD2 DDR5 RDIMM 64GB 2Rx4 6400	MTC40F2046S1RC64BD2	CPU: AMD EPYC 9475F (Turin)
DDR5 4800 R-DIMM	TRUSTA	TR5R32GS64A208HA-220 DDR5 RDIMM 32GB 2Rx8 6400	TR5R32GS64A208HA-220	CPU: AMD EPYC 9475F (Turin)
	ADATA	TR5R32GS56A208HA-410 DDR5 RDIMM 32GB 2Rx8 5600 CL46	TR5R32GS56A208HA-410	CPU: AMD EPYC 9475F (Turin)
	Micron	32GB 1RX4 PC5-4800B-RC0-1010-XT	MTC20F1045S1RC48BA2 NGCC	
	SK Hynix	HMCG84MEBRAxxxN 4800 MT/s	HMCG84MEBRA113N	
	Apacer	D52.31303S.001 32GB ECC REQ DDR5 4800 CL40	D52.31303S.001	
	Micron	MTC40F2046S1RC48BA1 IGCC DDR5 64GB 2RX4 PC5-4800B-RA0-1010-XT	MTC40F2046S1RC48BA1 IGCC	
	Apacer	D52.31282S.001 16GB ECC REG DDR5 4800 CL40	D52.31282S.001	

PCIe M.2 SSD		Model Number	P/N	Remark
Micron 7450 PRO 960GB M.2 22x80	Micron	Micron 7450 PRO 960GB M.2 22x80	MTFDKBA960TFR-1BC1ZABYY	
Apacer B92.255KGU.00103_480GB	Apacer	Apacer B92.255KGU.00103_480GB	PV250-M280 BiCS5	
Apacer B96.18CKGV.00101_512GB	Apacer	Apacer B96.18CKGV.00101_512GB	PT180-M280 BiCS5	
ADATA M.2 ADATA INDUSTRIAL IM2P41B8-512GCTB5_512GB	ADATA	ADATA INDUSTRIAL IM2P41B8-512GCTB5_512GB	IM2P41B8-512GCTB5	
SK hynix Platinum P51 SSD PCIe 5.0 NVMe M.2 1TB SHPP51-1000GM-2	SK hynix	SK hynix Platinum P51 SSD PCIe 5.0 NVMe M.2 1TB	SHPP51-1000GM	CPU: Turin

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
ConnectX-6 Dx 100GbE (Gen4x16)	NVIDIA	CX623106A	MCX623106AN-CDAT	
ConnectX-6 Dx 25GbE (Gen4x8)	NVIDIA	CX621102A	MCX621102AN-ADAT	
ConnectX-7 200GbE / NDR200 (PCIe 5.0 x16)	NVIDIA	CX755106A	MCX755106AC-HEAT	
OCP 3.0, ConnectX-6 100GbE / HDR100 (Gen4.0 x16)	NVIDIA	CX653435A	MCX653435A-EDAI	
Mellanox MCX653106A-HDAT	NVIDIA		MCX653106A-HDAT	
Mellanox ConnectX-6 DX MCX623105AN-CDAT (Gen4 x16)	NVIDIA		MCX623105AN-CDAT	
Intel E810-CQDA2 (Gen4x16)	Intel	E810-CQDA2		



Intel E810-XXVDA2 (Gen4 x8)	Intel	E810-XXVDA2		
Sunrich N-910 Quad Port 25Gbs OCP3.0	SUNRICH	N-910 Quad Port 25Gbs SFP28 OCP3.0	N-910	
SUNRICH N-1030 OCP3.0	SUNRICH	SUNRICH N-1030 Dual Port 100Gbs OCP3.0	N-1030	
Broadcom BCM957608-P2200GQF00 (Gen5 x16)	Broadcom	BCM957608-P2200GQF00	BCM957608-P2200GQF00	

HBA & Raid		Model Name	S/N, P/N	Remark
Broadcom MegaRAID 9524-8i	Broadcom	Broadcom MegaRAID 9524-8i		M.2

USB device		Model Name	P/N	Remark
Seagate FireCuda Gaming SSD 500GB	Seagate	FireCuda Gaming SSD	500GB	
WD Black P50 Game Drive SSD 500GB	WD	WD BLACK P50 Game Drive SSD	500GB	

Supported UEFI OSs				
Ubuntu Desktop 20.04.1 LTS (64 bit)(AHCI-GPT)			Linux 5.8.0-50-generic	CPU:Genoa
Ubuntu Desktop 22.04.1 LTS (64 bit)(AHCI-GPT)			GNU/Linux 5.15.0-43-generic x86_64	CPU:Genoa
Windows Server 2022 (64 bit)(AHCI-GPT)				CPU:Genoa
CentOS 7.9 (64 bit)(AHCI-GPT)				CPU:Genoa
Ubuntu 22.04.3 Server (64 bit)(AHCI-GPT)				CPU:Genoa
CentOS 8.5 (64 bit)(AHCI-GPT)				CPU:Genoa
Windows Server 2025 (64 bit)(M.2 NVMe)				CPU:Turin
Ubuntu Desktop 24.04.4 LTS (onboard NVMe M.2 mode x64)				