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 180w		**Base Frequency**	**Code Name**	**Cores**
AMD EPYC 7251 Processor 120w	AMD	2.10GHZ	EPYC	8
AMD EPYC 7401P Processor 170w	AMD	2.00GHZ	EPYC	24
AMD EPYC 7551P Processor 180w	AMD	2.00GHZ	EPYC	32
AMD EPYC 7402 Processor 180w	AMD	2.80GHZ	EPYC	24
AMD EPYC 7302 Processor 155w	AMD	3.00GHZ	EPYC	16
AMD EPYC 7352 Processor 155w	AMD	2.30GHZ	EPYC	24
AMD EPYC 7282 Processor 120w	AMD	2.80GHZ	EPYC	16
AMD EPYC 7713 Processor	AMD	2.00GHZ	EPYC	64
AMD EPYC 7343 Processor 190W	AMD	3.20GHZ	EPYC	16
AMD EPYC 7313P Processor 155W	AMD	3.00GHZ	EPYC	16
AMD EPYC 7543P	AMD	2.80GHZ	EPYC	32

Register Memory		Model Name	P/N	Remark
DDR4 2666 R-DIMM	ADATA	16GB DDR-2400 RDIMM	AD4R2400316G17-BSSB	Memory Speed : 2400MHz
	Apacer	8GB_ECC_REG_2666	D5323244S003	
	InnoDisk	16GB DDR4-2666 RDIMM	M4R0-AGS3ECIK-E84	Test with AMD EPYC 7251 Memory Speed : 2400MHz
	Kingston	16GB DDR4-2666 RDIMM	KSM26RS416MEI	
	Micron	16GB 2Rx8 PC4 2666V	MTA18ASF2G72DZ-2G6E1S1	
	Crucial	32GB DDR4-2666 RDIMM 1.2V CL19	CT32G4RFD4266-2G6E1.001	MTA36ASF4G72PZ-2G6E1RG
	InnoDisk	32GB DDR4-2666 RDIMM	M4RI-BGS3GC0K-C	Test with AMD EPYC 7251 Memory Speed : 2400MHz
	Skhynix	32GB 2Rx4 PC4-2666V	HMA84GR7CJR4N-VK-T3-AD	
	Crucial	32GB DDR4-2666 RDIMM 1.2V CL19	CT32G4RFD4266-2G6E1.001 MTA36ASF4G72PZ-2G6E1RG	Test with AMD EPYC 7401P Memory Speed : 2666MHz
16G DDR4 2933 R-DIMM	Crucial	16GB 2Rx8 PC4-2933Y	CT16G4RFD8293-2G9E1	
	Samsung	16GB 1Rx4 PC4 2933Y	M393A2K40DB2 CVFGQ K	
32G DDR4 2933 R-DIMM	Micron	32GB 2Rx4 PC4 2933Y	MTA36ASF4G72PZ-2G9J3TI	
	Kingston	32GB 2Rx4 PC4 2933Y	KSM29RD432MEI	
	Skhynix	32GB 2Rx4 PC4-2933Y	HMA84GR7CJR4N-WM-T4-AD	
	Micron	32GB 2Rx8 PC4 2933Y	MTA18ASF4G72PDZ-2G9E1UI	
8G DDR4 3200 R-DIMM	Micron	8GB 1RX8 PC4-3200AA-RD1-V1	MTA9ASF1G72PZ-3G2R1VI	
	Apacer	8GB ECC REG DDR4 3200 CL22	D52.27244S.001	
16G DDR4 3200 R-DIMM	Crucial	16GB DDR4-3200 RDIMM 1.2V CL22	CT16G4RFD832A-3G2E1.001	MTA18ASF2G72PZ-3G2E1TI
	Skhynix	16GB 1Rx4 PC4-3200AA	HMA82GR7CJR4N	
	Micron	16GB 2Rx8 PC4-3200AA RDIMM	MTA18ASF2G72PDZ-3G2R1UI	
	Micron	16GB 2Rx8 PC4 3200AA	MTA18ASF2G72PDZ-3G2J3UI	
	Micron	DDR4 3200 16GB RDIMM	MTA9ASF2G72PZ-3G2E1	
	Micron	16GB 1Rx8 PC4-3200AA-RD1-14	MTA9ASF2G72PZ-3G2F1UI	
	Micron	16GB 1Rx4 PC4 3200AA RDIMM	MTA18ASF2G72PZ-3G2R1UI	
	Apacer	16GB ECC REG DDR4 3200 CL22	D52.27267S.001	
	Samsung	16GB 1Rx4 PC4-3200AA	M393A2K40DB3-CWECQ-S	
	Samsung	16GB 2Rx8 PC4-3200AA	M393A2K43DB3-CWECQ-S	
32G DDR4 3200 R-DIMM	Crucial	32GB DDR4-3200 RDIMM 1.2V CL22	CT32G4RFD432A-3G2E2.001	MTA36ASF4G72PZ-3G2E2TG
	Skhynix	32GB 2Rx4 PC4-3200AA	HMA84GR7CJR4N-XN-T4-AC	
	Micron	DDR4 3200 32GB RDIMM	MTA18ASF4G72PDZ-3G2E1	
	Apacer	32GB ECC REG DDR4 3200 CL22	D52.27307S.001	
	Kingston	16GB 1Rx4 PC4 3200AA	KSM32RS416MEI	
	Micron	32GB 2Rx4 PC4-3200AA RDIMM	MTA36ASF4G72PZ-3G2R1	
64G DDR4 3200 R-DIMM	Micron	DDR4 3200 64GB RDIMM	MTA36ASF8G72PZ-3G2E1	
	Micron	64GB 2Rx4 PC4-3200AA-RB4-12	MTA36ASF8G72PZ-3G2E1TI	

	Micron	64GB 2Rx4 PC4-3200AA-RB2-14	MTA36ASF8G72PZ-3G2F1	

LRDIMM Memory		Model Name	P/N	Remark
64G DDR4 2400 LR-DIMM	Samsung	64GB DDR4-2400 LRDIMM	M386A8K40BM1-CRC4Q M	Memory Speed : 2400MHz
64G DDR4 2666 LR-DIMM	Skhynix	64GB 4DRx4-2666V LRDIMM 1.2V	HMAA8GL7CPR4N	
	Kingston	64GB DDR4-2666 LRDIMM 1.2V	KSM26LQ4/64HCI	Memory Speed : 2666MHz
	Kingston	64GB DDR4-2666 LRDIMM 1.2V	KSM26LQ4/64HAI	Memory Speed : 2666MHz
64G DDR4 2933 LR-DIMM	Micron	64GB 4DRx4 PC4-2933Y-LE2-12	MTA72ASS8G72LZ-2G9D1TI	

SATA M.2 SSD		Model Number	P/N	Remark
<= 500GB				
Smart SVM2S46256GNT51 M.2 2242	Smart	SVM2S46256GNT51	M.2 2242 SATA	
Smart SVM2S46512GNT51 M.2 2242	Smart	SVM2S46512GNT51	M.2 2242 SATA	
Phison M.2 128GB SM8128GPYCJGBAIC-S112	Phison	SM8128GPYCJGBAIC-S112	SATA 3.2, 6.0 Gb/s	Performance is limited by M.2 slot PCIe lane width
Phison M.2 256GB SM8256GPYCJGBAIC-S112	Phison	SM8256GPYCJGBAIC-S112	SATA 3.2, 6.0 Gb/s	Performance is limited by M.2 slot PCIe lane width
Phison M.2 512GB SM8512GPYCJGBAIC-S114	Phison	SM8512GPYCJGBAIC-S114	SATA 3.2, 6.0 Gb/s	Performance is limited by M.2 slot PCIe lane width

PCIe M.2 SSD		Model Number	P/N	Remark
<= 500GB				
acpi M.2 M2PDD-8L 512GB	acpi	M2PDD-8L 512GB	512GB M.2 2280 PCIe Gen.3 x4	
XPG M.2 AGAMMIXS50-1TT-C 1TB 2280	XPG	AGAMMIXS50-1TT-C 1TB	XPG GAMMIX S50 PCIe Gen4x4 M.2 2280	Performance is limited by M.2 slot PCIe lane width
Samsung M.2 MZVLB512HBJQ-00000 512GB	Samsung	PCIe Gen3 x4 M.2 512GB	MZVLB512HBJQ-00000	Performance is limited by M.2 slot PCIe lane width
Micron M.2 7300PRO MTFDHBG1T9TDF 1920GB	Micron	PCIe Gen3 x4 M.2 1920GB	MTFDHBG1T9TDF	Performance is limited by M.2 slot PCIe lane width
Solidigm P41 1TB PCIe4.0 NVMe M.2 SSD	Solidigm	PCIe Gen4 x4 M.2 1TB	SSDPFKNUOIOTZ	Performance is limited by M.2 slot PCIe lane width
ADATA IM2P41B8 M.2 2280	Adata	M.2_IM2P41B8-512GCTB5_512GB	M.2 2280	

NIC CARDs (see motherboard section for LOM)		Model Name	P/N	Remark
Intel Ethernet OCP E810XXVDA2OCPG1	Intel	E810XXVDA2OCPG1		Columbiaville 25 (OCP 2 Type 1)
Intel Ethernet E810XXVDA4G1P5	Intel	E810XXVDA4G1P5		Columbiaville 25 (PCIe FH)
Intel Ethernet E810-CQDA2	Intel	Dual Port 100 Gb/s Network Interface Card	E810-CQDA2	
Intel Ethernet E810CQDA2G1P5	Intel	Dual Port 100 Gb/s Network Interface Card	E810CQDA2G1P5	
SUNRICH N-770 Single Port 100Gbs	SUNRICH	SUNRICH N-770 Single Port 100Gbs		
Broadcom BCM957416M4163C OCP Mezzanine Card (10GBASE-T)	Broadcom			Test with 10GB SFP+ cable
Broadcom BCM957414M4142C OCP Mezzanine Card (25G SPF+)	Broadcom			Test with 25GB SFP+ cable
Broadcom BCM957508-P2100GE PCIe Dual Port 100G NIC	Broadcom	BCM957508-P2100GE	SN: P2100-1909-0001I-CQ	
Broadcom BCM957412M4122C-M125P	Broadcom	1x25G OCP 2.0		
Broadcom BCM57416B1KFSBG	Broadcom	OCP V2.0 10GBase-T (RJ45) dual port	BCM57416B1KFSBG	
Broadcom BCM957302M3020	Broadcom	OCP V2.0 10G SFP+ dual port	BCM957302M3020	
Broadcom BCM957412A4120AC_04	Broadcom	PCIE standard slot 10G SFP+ dual port	BCM957412A4120AC_04	
Broadcom BCM95720A2003G	Broadcom	PCIE standard slot 1GbE dual port	BCM95720A2003G	
Broadcom BCM957508-P2100G	Broadcom	BCM957508-P2100G Dual Port 100Gbs	BCM957508-P2100G	
Intel Ethernet X550T1G1P5	Intel	X550T1G1P5		

Mellanox MCX516A-CDAT	Mellanox	MCX516A-CDAT Dual Port 100Gbs	MT1838J01986	
Mellanox CX4431A	Mellanox	CX4431A	PN:MCX4431A-GCAN SN:MT1735X12711	connect A
Mellanox MCX4121A-ACAT	Mellanox	PCI-E Eth 25GbE Dual Port		
Mellanox ConnectX-4 Lx EN Network Interface Card 25GbE Dual-Port	Mellanox	MCX4121A-ACAT		
Qlogic Inteligent Ethernet Adapters 25G dual port (PCIE X8 Gen3)	QLOGIC	QL41212HLCU-CK(Dual25G)	AH2010406-01 A	
Qlogic Inteligent Ethernet Adapters 25G dual port (PCIE X8 Gen3)	QLOGIC	QL41232HOCU(Dual25G)	AH2010407-11 A	QLOGLC_OCP_QL41232HOCU
Qlogic Inteligent Ethernet Adapters 25G dual port (PCIE X8 Gen3)	QLOGIC	QL45212HLCU-CK(Dual25G)	BC0110405-07F	
Qlogic Inteligent Ethernet Adapter 100G single port (PCIE X16 Gen3)	QLOGIC	QL45611HLCU-CK(Single100G)	BC0110401-05 F	
Broadcom BCM957414A4140C P150P	Broadcom	BCM957414A4140C Single Port 50Gbs	BCM957414A4140C_08	

Supported OSs			**Kernel version**	
Ubuntu Desktop 18.04				

Supported UEFI OSs				
Windows Server 2016				Validated on AMD EPYC™ 7002 Series
Windows Server 2019				Validated on AMD EPYC™ 7002 Series
Ubuntu Desktop 16.04.6				
Ubuntu Desktop 18.04				
Ubuntu Desktop 20.04.1				
Ubuntu Server 20.04.1 (64 bit)				







































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































