



Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
Socket-P LGA3647 (MB support power up to 205w)		Base Frequency	Code Name	Stepping level
QRG6 Intel(R) Xeon(R) Silver 4214 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Cascade Lake	L-0
QPJF Intel(R) Xeon(R) Silver 4210 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Cascade Lake	R-0
QS1V Intel(R) Xeon(R) Gold 6226 CPU @ 2.70GHZ 125w	Intel	2.70GHZ	Cascade Lake	B-1
QRC1 Intel(R) Xeon(R) Platinum 8260C CPU @ 2.40GHZ 165w	Intel	2.40GHZ	Cascade Lake	B-0
SRGZ8 Intel(R) Xeon(R) Gold 6240R CPU @ 2.40GHZ 165w	Intel	2.40GHZ	Cascade Lake	B-1
SRGZF Intel(R) Xeon(R) Processor 6258R CPU @ 2.70GHZ 205w	Intel	2.70GHZ	Cascade Lake	B-1
SRGZ9 Intel(R) Xeon(R) Gold 6238R CPU @ 2.20GHZ 165w	Intel	2.20GHZ	Cascade Lake	B-1
SRGZP Intel® Xeon® Gold 5520R CPU @ 2.20GHZ 150w	Intel	2.20GHZ	Cascade Lake	B-1
SRGZ Intel® Xeon® Gold 6226R CPU @ 2.90GHZ 150w	Intel	2.90GHZ	Cascade Lake	B-1

Register Memory		Model Name	P/N	Remark
16G DDR4 2666 R-DIMM	Kingston	16GB DDR4-2666 RDIMM 1.2V	KSM26RS4/16MEI	
	Micron	16GB 2Rx8 PC4 2666V	MTA18ASF2G72DZ-2G6E1S1	
32G DDR4 2666 R-DIMM	SKhynix	32GB 2Rx4 PC4-2666V	HMA84GR7CJR4N-VK-T3-AD	
16G DDR4 2933 R-DIMM	Crucial	16GB DDR4-2933 RDIMM 1.2V CL21	CT16G4RFD8293-2G9E1.001	
	Samsung	16GB 1Rx4 PC4 2933Y	M393A2K40DB2 CVFGQ K	
32G DDR4 2933 R-DIMM	SKhynix	32GB 2Rx4 PC4-2933Y	HMA84GR7CJR4N-WM-T4-AD	
	Micron	32GB 2Rx8 PC4 2933Y	MTA18ASF4G72PDZ-2G9E1UI	
	Kingston	32GB 2Rx4 PC4-2933Y-RB2-12	KSM29RD4/32MEI	Memory Speed : 2933MHz
	Micron	32GB 2Rx4 PC4 2933Y	MTA36ASF4G72PZ-2G9J3TI	
64G DDR4 3200 R-DIMM	Micron	64GB 2Rx4 PC4-3200AA-RB4-12	MTA36ASF8G72PZ-3G2E1TI	Memory Speed : 2933MHz

LRDIMM Memory		Model Name	P/N	Remark
64G DDR4 2666 LR-DIMM	SKhynix	D4 64GB 2666MT/s LRDIMM	J4CGLH4G4QHXC	
64G DDR4 2933 LR-DIMM	Micron	64GB 4DRx4 PC4-2933Y-LE2-12	MTA72ASS8G72LZ-2G9D1TI	

Intel DCPMM		Model Number	P/N	Remark
128G	Intel		NMA1XDB128GQS	
256G	Intel		NMA1XDB256GQS	
512G	Intel		NMA1XBD512GQS	

SATA M.2 SSD		Model Number	P/N	Note
<= 500GB				
Smart SVM2P4A240GMT51 M.2 2242	Smart	SVM2P4A240GMT51	M.2 2242 PCIE GEN 3 x 2	
Smart SVM2P4A480GMT51 M.2 2242	Smart	SVM2P4A480GMT51	M.2 2242 PCIE GEN 3 x 2	
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	
Phison M.2 256GB SM8256GPYCJGBAIC-S112	Phison	SM8256GPYCJGBAIC-S112	SATA 3.2, 6.0 Gb/s	
Phison M.2 512GB SM8512GPYCJGBAIC-S114	Phison	SM8512GPYCJGBAIC-S114	SATA 3.2, 6.0 Gb/s	
Ventura M.2 512GB V512GB2280	Ventura	V512GB2280 512GB	SATA 3.0, 6.0 Gb/s	



PCIe M.2 SSD		Model Number	P/N	Type
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
Apacer AS2280Q4 M.2 PCIe 500GB	Apacer	AS2280Q4 M.2 PCIe Gen4 x4 500GB	AP500GAS2280Q4	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
Innodisk M.2(P80)4TS2-P_1.6TB	Innodisk	M.2(P80)4TS2-P_1.6TB	DSM28-1T6DP1LCCEH-SVR	Performance is limited by M.2 slot PCIe lane width

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	
Qlogic Intelligent Ethernet Adapters 25G dual port (PCIe X8 Gen3)	QLOGIC	QL41212HLCU-CK(Dual25G)	AH2010406-01 A	
Qlogic Intelligent Ethernet Adapters 25G dual port (PCIe X8 Gen3)	QLOGIC	QL41232HOCU(Dual25G)	AH2010407-11 A	QLOGIC_OCP_QL41232HOCU
Qlogic Intelligent Ethernet Adapters 25G dual port (PCIe X8 Gen3)	QLOGIC	QL45212HLCU-CK(Dual25G)	BC0110405-07F	
Qlogic Intelligent Ethernet Adapter 100G single port (PCIe X16 Gen3)	QLOGIC	QL45611HLCU-CK(Single100G)	BC0110401-05 F	
Broadcom BCM957508-P2100G	Broadcom	BCM957508-P2100G Dual Port 100Gbs	BCM957508-P2100G	
Broadcom BCM957412M4123C OCP Mezzanine Card (10G SFP+)	Broadcom		BCM957412M4123	Test with 10GB SFP+ cable
Broadcom BCM957412M4122C OCP Mezzanine Card (25G SFP+)	Broadcom			Test with 25GB SFP+ cable
Broadcom BCM957412M4122C-M125P	Broadcom	1x25G OCP 2.0		
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 BCM957414A4140C P150P	Broadcom	BCM957414A4140C Single Port 50Gbs	BCM957414A4140C	
Intel I350-T4V2	Intel	Intel Ethernet Server Adapter		
Intel Ethernet X550T1G1P5	Intel	X550T1G1P5		
Mellanox MCX4121A-ACAT	Mellanox	PCI-E Eth 25GbE Dual Port		
Mellanox MCX516A-CDAT	Mellanox	MCX516A-CDAT Dual Port 100Gbs	MT1838J01986	
Mellanox MCX4121A-XCAT	Mellanox	MCX4121A-XCAT Dual Port 10 Gb	MT1708X01740	
Mellanox MCX4421A-ACAN	Mellanox	OCP MCX4421A-ACAN Dual Port 25Gbs	MT1941K10361	
Mellanox MCX516A-CDAT	Mellanox	MCX516A-CDAT Dual Port 100Gbs	MT1838J01986	

Supported OSs			Kernel version	
CentOS 8.2 (onboard SATA AHCI mode x64)				
CentOS 8.1 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 20.04.1				
Ubuntu_Server20.04.1				
Ubuntu Desktop 22.04.3 (64 bit)(AHCI-MBR)				
Ubuntu Server 22.04.3 (64 bit)(AHCI-MBR)				

Supported UEFI OSs				
CentOS 8.2 (onboard SATA AHCI mode x64)				
CentOS 8.1 (onboard SATA AHCI mode x64)				
Ubuntu Desktop 20.04.1				
Ubuntu_Server20.04.1				
Ubuntu Desktop 22.04.3 (64 bit)(AHCI-GPT)				
Ubuntu Server 22.04.3 (64 bit)(AHCI-GPT)				
Rocky 9.2 (64 bit)(AHCI-GPT)				
AlmaLinux 9.2 (64 bit)(AHCI-GPT)				



Supported UEFI OSs				
Ubuntu Server 22.04.3 (64 bit)(Onboard SATA-Raid0-GPT)				
Ubuntu Server 22.04.3 (64 bit)(Onboard SATA-Raid1-GPT)				