

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		model number	part number	
<b>Socket-P LGA3647 (MB support power up to 205w)</b>		<b>Base Frequency</b>	<b>Code Name</b>	<b>Stepping level</b>
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	
	SKhynix	32GB 2Rx4 PC4-2933Y	HMA84GR7CJR4N-WM-T4-AD	
32G DDR4 2933 R-DIMM	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
<b>&lt;= 500GB</b>				
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
<b>&lt;= 500GB</b>				
acpi M.2 M2PDD-8L 512GB	acpi	M2PDD-8L 512GB	512GB M.2 2280 PCIe Gen.3 x4	
XPG M.2 AGAMMIX50-1TT-C 1TB 2280	XPG	AGAMMIX50-1TT-C 1TB	XPG GAMMIX S50 PCIe Gen4x4 M.2 2280	Performance is limited by M.2 slot PCIe lane width

PCIe M.2 SSD		Model Number	P/N	Type
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

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				

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				