

Description of the component/accessory/option	Vendor Name	Supplier reference / Part Number		Remark
<b>Socket-P LGA3647 (MB support power up to 165w)</b>		<b>Base Frequency</b>	<b>Code Name</b>	<b>Stepping level</b>
QN11 Intel(R) Xeon(R) Gold 5119T CPU @ 1.90GHZ 85w	Intel	1.90GHZ	Skylake-Server	M-0
QN0B Intel(R) Xeon(R) Silver 4114 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Skylake-Server	U-0
QN34 Intel(R) Xeon(R) Gold 6128 CPU @ 3.40GHZ 115w	Intel	3.40GHZ	Skylake-Server	H-0
SR3B5 Intel(R) Xeon(R) Gold 6138 CPU @ 2.00GHZ 125w	Intel	2.00GHZ	Skylake-Server	H-0
QMS6 Intel(R) Xeon(R) Gold 6130 CPU @ 2.10GHZ 125w	Intel	2.10GHZ	Skylake-Server	H-0
QN38 Intel(R) Xeon(R) Gold 6130T CPU @ 2.10GHZ 125w	Intel	2.10GHZ	Skylake-Server	H-0
QN7C Intel(R) Xeon(R) Gold 6126T CPU @ 2.60GHZ 125w	Intel	2.60GHZ	Skylake-Server	H-0
QN33 Intel(R) Xeon(R) Gold 6132 CPU @ 2.60GHZ 140w	Intel	2.60GHZ	Skylake-Server	H-0
QMRX Intel(R) Xeon(R) Gold 6136 CPU @ 2.40GHZ 150w	Intel	2.40GHZ	Skylake-Server	H-0
QN7D Intel(R) Xeon(R) Gold 6144 CPU @ 3.50GHZ 150w	Intel	3.50GHZ	Skylake-Server	H-0
QN7C Intel(R) Xeon(R) Gold 6146 CPU @ 3.20GHZ 165w	Intel	3.20GHZ	Skylake-Server	H-0
SR3B4 Intel(R) Xeon(R) Gold 6152 CPU @ 2.10GHZ 140w	Intel	2.10GHZ	Skylake-Server	H-0
QPJF Intel(R) Xeon(R) Silver 4210 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Cascade Lake	R-0
QRG6 Intel(R) Xeon(R) Silver 4214 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Cascade Lake	L-0
QRG7 Intel(R) Xeon(R) Silver 4215 CPU @ 2.20GHZ 85w	Intel	2.20GHZ	Cascade Lake	L-0
QRG9 Intel(R) Xeon(R) Gold 5215 CPU @ 2.50GHZ 85w	Intel	2.50GHZ	Cascade Lake	L-0
QPKA Intel(R) Xeon(R) Gold 5220 CPU @ 2.20GHZ 125w	Intel	2.20GHZ	Cascade Lake	A-0
QRAD Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHZ 125w	Intel	2.10GHZ	Cascade Lake	B-0
QS1Y Intel(R) Xeon(R) Gold 6230T CPU @ 2.10GHZ 125w	Intel	2.10GHZ	Cascade Lake	B-1
QRGE Intel(R) Xeon(R) Gold 5218 CPU @ 2.30GHZ 125w	Intel	2.30GHZ	Cascade Lake	L-0
QS1V Intel(R) Xeon(R) Gold 6226 CPU @ 2.70GHZ 125w	Intel	2.70GHZ	Cascade Lake	B-1
QPKB Intel(R) Xeon(R) Gold 6248 CPU @ 2.50GHZ 150w	Intel	2.50GHZ	Cascade Lake	A-0
SRGZ9 Intel(R) Xeon(R) Gold 6238R CPU @ 2.2GHZ 165w	Intel	2.20GHZ	Cascade Lake	B-1
SRGZ8 Intel(R) Xeon(R) Gold 6240R CPU @ 2.40GHZ 165w	Intel	2.40GHZ	Cascade Lake	B-1
QRC1 Intel(R) Xeon(R) Platinum 8260C CPU @ 2.40GHZ 165w	Intel	2.40GHZ	Cascade Lake	B-0

Register Memory		Model Name	P/N	Remark
8G DDR4 2400 R-DIMM	Kingston	8GB DDR4-2400 RDIMM	KSM24RS8/8MEI	
16G DDR4 2400 R-DIMM	ADATA	16GB DDR-2400 RDIMM	AD4R2400316G17-BSSB	
32G DDR4 2400 R-DIMM	Kingston	32GB DDR4-2400 RDIMM 1.2V	KVR24R17D4/32MA	Memory Speed : 2400MHz
16G DDR4 2666 R-DIMM	Crucial	16GB DDR4-2666 RDIMM 1.2V CL19	CT16G4RFD8266-2G6E1.001	
	InnoDisk	16GB DDR4-2666 RDIMM	M4R0-AGS3ECIK-E84	
	Kingston	16GB DDR4-2666 RDIMM	KSM26RS416MEI	
	Micron	16GB 2Rx8 PC4 2666V	MTA18ASF2G72DZ-2G6E1S1	
32G DDR4 2666 R-DIMM	Crucial	32GB DDR4-2666 RDIMM 1.2V CL19	CT32G4RFD4266-2G6E1.001	MTA36ASF4G72PZ-2G6E1RK
	Crucial	32GB DDR4-2666 RDIMM 1.2V CL19	CT32G4RFD4266-2G6H1.001	MTA36ASF4G72PZ-2G6H1QI
	InnoDisk	32GB DDR4-2666 RDIMM	M4RI-BGS3GC0K-C	
	SKhynix	32GB 2Rx4 PC4-2666V	HMA84GR7CJR4N-VK-T3-AD	
16G DDR4 2933 R-DIMM	Crucial	16GB DDR4-2666 RDIMM 1.2V CL19	CT32G4RFD4266-2G6E1.001	MTA36ASF4G72PZ-2G6E1RG
	Crucial	16GB DDR4-2933 RDIMM 1.2V CL21	CT16G4RFD8293-2G9E1.001	
	Kingston	16GB DDR4-2933 RDIMM 1.2V	KSM29RS4/16MEI	Memory Speed : 2933MHz
32G DDR4 2933 R-DIMM	Samsung	16GB DDR4 2933 RDIMM	M393A2K40DB2	
	Crucial	32GB DDR4-2933 RDIMM 1.2V CL21	CT32G4RFD4293-2G9E2.001	MTA36ASF4G72PZ-2G9E2UG

Register Memory		Model Name	P/N	Remark
32G DDR4 2933 R-DIMM	Micron	32GB 2Rx8 PC4 2933Y	MTA18ASF4G72PDZ-2G9E1UI	
	Micron	32GB 2Rx4 PC4 2933Y	MTA36ASF4G72PZ-2G9J3TI	
	Kingston	32GB 2Rx4 PC4-2933Y-RB2-12	KSM29RD4/32MEI	Memory Speed : 2933MHz
	SKhynix	32GB 2Rx4 PC4-2933Y	HMA84GR7CJR4N-WM-T4-AD	

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 1.2V	Kingston	64GB DDR4-2666 LRDIMM 1.2V	KSM26LQ4/64HCI	Memory Speed : 2666MHz
	Kingston	64GB DDR4-2666 LRDIMM 1.2V	KSM26LQ4/64HAI	Memory Speed : 2666MHz

Intel DCPMM		Model Number	P/N	Remark
128G	Intel	NMA1XDB128GQS		
256G	Intel	NMA1XDB256GQS		
512G	Intel	NMA1XDB512GQS		

mSATA M.2 SSD		Model Number	P/N	Type
256GB, M.2 mSATA SSD	Crucial	M550		

SATA/SAS 2.5" HDD/SSD		Model Number	P/N	Type
500GB,7200 rpm, SATA-II, 2.5" HDD	Seagate	ST9500620NS		
480GB,SATA-III 2.5" SSD	Samsung	PM853T		
960GB, dual port, SAS 3.0, 2.5" SSD	Toshiba	KPM51RUG960G		

NVMe 2.5" SSD		Model Number	P/N	Type
800GB, single port, PCIe Gen3.0, U.2 NVMe 2.5" SSD	Intel	DC P3700		
1.0TB, single port, PCIe Gen3.0, U.2 NVMe 2.5" SSD	Intel	DC P3600		
1.92TB, dual port, PCIe Gen3.0, U.2 NVMe 2.5" SSD	Toshiba	KCM51RUG1T92		
3.2TB, dual port PCIe Gen3.1, U.2 NVMe 2.5" SSD	WD	DC SN840		

NIC CARDS (Add-on Card type)		Model Name	P/N	Remark
Intel Ethernet Server Adapter X520-DA2 (10G SFP+)	Intel	X520-DA2		Test with 10GB SFP+ cable
Intel Ethernet Server Adapter XXV710-DA1 (25G SFP+)	Intel	XXV710-DA1		Test with 25GB SFP+ cable
Intel Ethernet Network Adapter XXV710-DA2 (25G SFP+)	Intel	XXV710-DA2		Test with 25GB SFP+ cable
Intel(R) Ethernet Network Adapter E810 -XXVDA4	Intel	E810XXVDA4G1P5		Columbiaville 25 (PCIe FH)
Mellanox CT416A ConnectX-4 100GbE Ethernet Adaptor Card	Mellanox	CT416A		Test with 25GB SFP+ cable
Qlogic Intelligent Ethernet Adapters 25G dual port (PCIe X8 Gen3)	QLOGIC	Qlogic FastLinQ QL45212H 25GbE Adapter	QL45212HLCU_25G dual port	
Qlogic Intelligent Ethernet Adapter 100G single port (PCIe X16 Gen3)	QLOGIC	Qlogic FastLinQ QL45611H 100GbE Adapter	QL45611HLCU_100G single port	
Qlogic Intelligent Ethernet Adapters 25G dual port (PCIe X8 Gen3)	QLOGIC	QL41212HLCU-CK(Dual25G)	AH2010406-01 A	

NIC CARDS (OCP type)		Model Name	P/N	Remark
Broadcom BCM57416B1KF5BG, OCP V2.0 10GBase-T (RJ45) dual port	Broadcom	BCM57416B1KF5BG		
Broadcom BCM957302M3020, OCP V2.0 10G SFP+ dual port	Broadcom	BCM957302M3020		
Broadcom BCM957412M4122C-M125P, 1x25G OCP 2.0	Broadcom	BCM957412M4122		
Broadcom BCM957412M4123C OCP Mezzanine Card (10G SFP+)	Broadcom	BCM957412M4123		Test with 10GB SFP+ cable
Broadcom BCM957414M4142C OCP Mezzanine Card (25G SFP+)	Broadcom	BCM957414M4142		Test with 25GB SFP+ cable
Intel Ethernet Network Adapter OCP XXV710 25 Gbs (25G SFP+)	Intel	XXV710-DA1 for OCP	XXV710DA1OCPG	



NIC CARDS (OCP type)		Model Name	P/N	Remark
Intel Ethernet Network Adapter OCP XXV710 DA2 Dual Port 25 Gbs	Intel	XXV710-DA2 for OCP	XXV710DA20CPG2	
Intel® Ethernet Network Adapter E810-XXVDA2 for OCP	Intel	E810XXVDA20CPG1		Columbiaville 25 (OCP 2 Type 1)
Mellanox MCX4421A_ACQN Dual port 25Gb for OCP	Mellanox	MCX4421A		Test with 25GB SFP+ cable
Qlogic Intelligent Ethernet Adapter 25G dual port (OCP X8 Gen3)	QLOGIC	QL41232HOCU_25G	AH2010407-11 A	Test with 25GB SFP+ cable

Supported OSs			Kernel version	
Windows Server 2019 DataCenter				
Windows Server 2012 DataCenter (onboard SATA AHCI mode x64)				
Red Hat Enterprise Linux 7.7 (onboard SATA AHCI mode x64)				
Red Hat Enterprise Linux 7.3 (onboard SATA AHCI mode x64)				
Red Hat Enterprise Linux 7.2 (onboard SATA AHCI mode x64)				
CentOS 7.7 (onboard SATA AHCI mode x64)				
Xen-SuSE SELS 12 SP3 / VT-d Enabled (onboard SATA AHCI mode x64)				
VMware ESXi Server version 6.5.0 (onboard SATA AHCI mode x64)				

Supported UEFI OSs				
Red Hat Enterprise Linux 7.7 (onboard SATA AHCI mode x64)				
CentOS 7.7 (onboard SATA AHCI mode x64)				
Xen-SuSE SELS 12 SP3 / VT-d Enabled(onboard SATA AHCI mode x64)				
VMware ESXi Server version 6.5.0 (onboard SATA AHCI mode x64)				