



Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		Base Frequency	Code Name	Stepping level
Socket-P LGA3647 (Support CPU TDP up to 270W)				
SRKJ1 Intel(R) Xeon(R) Platinum 8358 Processor @ 2.60GHz, 250W	Intel	2.60GHz	Ice Lake	D-2
SRKJ2 Intel(R) Xeon(R) Gold 8352V Processor @ 2.10GHz, 195W	Intel	210GHZ	Ice Lake	D-2
SRKXA Intel(R) Xeon(R) Gold 6342 Processor @ 2.80GHz, 230W	Intel	2.80GHZ	Ice Lake	M-1
SRKXK Intel(R) Xeon(R) Gold 6326 Processor @ 2.90GHz, 185W	Intel	2.90GHZ	Ice Lake	M-1

Register Memory		Model Name	P/N	Remark
8G DDR4 3200 R-DIMM	Micron	8GB 1RX8 PC4-3200AA-RD1-12	MTA9ASF1G72PZ-3G2R1VI	
16G DDR4 3200 R-DIMM	Micron	16GB 2RX8 PC4-3200AA-RE2-12	MTA18ASF2G72PDZ-3G2R1VI	
	Micron	16GB 1RX8 PC4-3200AA-RD1-14	MTA9ASF2G72PZ-3G2F1UI	
	Micron	16GB 1RX4 PC4-3200AA-RC2-12	MTA18ASF2G72PZ-3G2R1UI	
	Micron	32GB 1RX4 PC4-3200AA-RC2-14	MTA18ASF4G72PZ-3G2F1TI	
32G DDR4 3200 R-DIMM	Micron	32GB 2RX8 PC4-3200AA-RE2-14	MTA18ASF4G72PDZ-3G2F1UI	
64G DDR4 3200 R-DIMM	Micron	64GB 2RX4 PC4-3200AA-RB2-14	MTA36ASF8G72PZ-3G2F1VI	

SATA/SAS 3.5" HDD		Model Number	P/N	Type
2TB, 7200rpm, SAS 6Gb/s, 3.5" HDD	Seagate	ST2000NM0023		
4TB, 7200rpm, SATA 6Gb/s, 3.5" HDD	Seagate	ST4000NM0033		
4TB, 7200rpm, SAS 6Gb/s, 3.5" HDD, 512n	HGST	HUS724040ALS640		
4TB, 7200rpm, SAS 6Gb/s, 3.5" HDD	Seagate	ST4000NM0023		
4TB, 7200rpm, SAS 6Gb/s, 3.5" HDD	WD	WD4001FYG		
4TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e	Seagate	ST4000NM0034		
6TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e	HGST	HUS726060ALE610		
6TB, 7200 rpm, SATA 6Gb/s, 3.5" HDD	WD	WD6001FSYZ		
8TB, 5900rpm, SATA 6Gb/s, 3.5" HDD	Seagate	ST8000AS0002		
8TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e	Seagate	ST8000NM0055		
8TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST8000NM001A		
8TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e	Seagate	ST8000NM0075		
8TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e	Toshiba	MG08SDA800E		
10TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e	Seagate	ST10000NM0016		
10TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e	WD	WUJ721010AL5204		
12TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e	Seagate	ST12000NM0007		
12TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST12000NM0027		
14TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST14000NM0018		
14TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST14000NM0048		
16TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST16000NM001G		
16TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e	Toshiba	MG08ACA16TE		
16TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e/4Kn	Seagate	ST16000NM002G		
22TB, 7200rpm, SATA 6Gb/s, 3.5" HDD, 512e/4Kn	WD	WUH722222ALE6L4		Ultrastar® DC HC570
22TB, 7200rpm, SAS 12Gb/s, 3.5" HDD, 512e/4Kn	WD	WUH722222AL5204		Ultrastar® DC HC570

NVMe 2.5" HDD		Model Number	P/N	Type
Intel DC P3600 400GB, single port, PCIe Gen3.0, 2.5" SSD	Intel	DC P3600		

SATA M.2 SSD		Model Number	P/N	Note
Memphis M.2 MEM512GS8T-S30R72-PM3TC, SATA 3.2, 6Gb/s	Memphis	MEM512GS8T-S30R72-PM3TC		
Memphis M.2 MEM256GS0T-S30R72-PM3TC, SATA 3.2, 6Gb/s	Memphis	MEM256GS0T-S30R72-PM3TC		
M510 M.2 Type 2280 NAND Flash SSD, STAA 6Gb/s	Micron	M510	MTFDDAV256MAZ	
SanDisk X300s SE-SSD 256GB, SATA 6Gb/s, 2.5"/7mm cased, M.2 2280	SanDisk	X300s	SD7UN3Q-256G-1122	



PCIe M.2 SSD		Model Number	P/N	Type
Memphis M.2 2280 480GB NVMe PCIe Gen3x4, 3D TLC NAND, 0-70C with AES & OPAL functions	Memphis	M.2 2280	IMP3M8B5E2A2A1C3B4T0000	Performance is limited by M.2 slot PCIe lane width
ATP 960GB AF960GSTJA-DX1	ATP		AF960GSTJA-DX1	

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Intel Ethernet X540-T2 2 Port 10GbE	Intel	X540-T2	X540-T2	
Intel Ethernet X710-DA4	Intel	EX710DA4G1P5	X710-DA4	
Intel Ethernet E810-CQDA2	Intel	Dual Port 100 Gb/s Network Interface Card	E810-CQDA2	
Broadcom BCM957504-N1100G OCP3.0 100G Single Port (PCIe x16 Gen4)	Broadcom	BCM957504-N1100G OCP3.0 100G Single port	BCM957504-N1100G	
Broadcom BCM957508-N2100G OCP3.0 100G dual port (PCIe x16 Gen4)	Broadcom	BCM957508-N2100G OCP3.0 100G dual port	BCM957508-N2100G	
Broadcom BCM957414-N4140C Dual Port 25Gbs OCP3.0	Broadcom	BCM957414-N4140C Dual Port 25Gbs OCP3.0	BCM957414-N4140C	Test with 25GB SFP28 cable
Broadcom BCM957504-N425G Quad Port 25Gbs OCP3.0	Broadcom	BCM957504-N425G Quad Port 25Gbs OCP3.0	BCM957504-N425G	Test with 25GB SFP28 cable

HBA & RAID		Model Name	S/N, P/N	Device Name
ASRock_M3808AK Mezzanine card	ASRock	ASRock_M3808AK	5D050990001CEA70,F7S0R6000052	
Broadcom 9500-8i Tri-Mode Storage Adapter	Broadcom	9500-8i		
Broadcom 9580-8i8e Tri-Mode Storage Adapter	Broadcom	9580-8i8e		
Microsemi Adaptec SmartRAID 3154-8i8e	Microchip	3154-8i8e		

Supported OSs				
Windows Server 2022 (64bit)				
Windows Server 2019 (64bit)				
CentOS 8.5 (64bit)				
CentOS 8.4 (64bit)				
CentOS 7.9 (64bit)				
CentOS 7.8 (64bit)				
SuSE Linux Enterprise Server 15 SP3 (64bit)				
SuSE Linux Enterprise Server 15 SP2 (64bit)				
VMWare ESXi 7.0 update 2a (64bit)				
Ubuntu Server 22.04.0 (64bit)				
Ubuntu Server 20.04.4 (64bit)				
Ubuntu Desktop 22.04.0 (64bit)				
Ubuntu Desktop 20.04.4 (64bit)				