

Description of the component/accessory/option	Vendor Name	Supplier reference and Part Number		Revision Firmware Stepping
		Base Frequency	Code Name	
<b>Socket FCLGA4677 (Support CPU TDP up to 350W)</b>				
SRM7E Intel(R) Xeon(R) Platinum 8458P Processor, 350W	Intel	2.7GHz	Sapphire Rapids	E5
SRM7W Intel(R) Xeon(R) Platinum 8452Y Processor, 300W	Intel	2.0GHz	Sapphire Rapids	E5
SRM77 Intel(R) Xeon(R) Platinum 8460Y+ Processor, 300W	Intel	2.0GHz	Sapphire Rapids	E5
SRMGP Intel(R) Xeon(R) Platinum 8462Y+ Processor, 300W	Intel	2.8GHz	Sapphire Rapids	S3
SRM7A Intel(R) Xeon(R) Gold 6430 Processor, 270W	Intel	2.1GHz	Sapphire Rapids	E5
SRMGQ Intel(R) Xeon(R) Gold 6444Y Processor, 270W	Intel	3.6GHz	Sapphire Rapids	S3
SRM7B Intel(R) Xeon(R) Gold 6454S Processor, 270W	Intel	2.2GHz	Sapphire Rapids	E5
SRM7L Intel(R) Xeon(R) Platinum 8444H Processor, 270W	Intel	2.9GHz	Sapphire Rapids	E5
SRM7F Intel(R) Xeon(R) Platinum 8454H Processor, 270W	Intel	2.1GHz	Sapphire Rapids	E5
SRMGW Intel(R) Xeon(R) Gold 6448H Processor, 250W	Intel	2.4GHz	Sapphire Rapids	S3
SRM7U Intel(R) Xeon(R) Platinum 8450H Processor, 250W	Intel	2.0GHz	Sapphire Rapids	E5
SRMGK Intel(R) Xeon(R) Gold 6442Y Processor, 225W	Intel	2.6GHz	Sapphire Rapids	S3
SRMGN Intel(R) Xeon(R) Gold 6448Y Processor, 225W	Intel	2.1GHz	Sapphire Rapids	S3
SRMGL Intel(R) Xeon(R) Gold 5420+ Processor, 205W	Intel	2.0GHz	Sapphire Rapids	S3
SRMH3 Intel(R) Xeon(R) Gold 6438M Processor, 205W	Intel	2.2GHz	Sapphire Rapids	S3
SRMH1 Intel(R) Xeon(R) Gold 6438N Processor, 205W	Intel	2.0GHz	Sapphire Rapids	S3
SRMGM Intel(R) Xeon(R) Gold 6438Y+ Processor, 205W	Intel	2.0GHz	Sapphire Rapids	S3
SRMGD Intel(R) Xeon(R) Gold 6434 Processor, 195W	Intel	3.7GHz	Sapphire Rapids	S3
SRMGT Intel(R) Xeon(R) Gold 6434H Processor, 195W	Intel	3.7GHz	Sapphire Rapids	S3
SRMGV Intel(R) Xeon(R) Gold 6418H Processor, 185W	Intel	2.1GHz	Sapphire Rapids	S3
SRMGF Intel(R) Xeon(R) Gold 6426Y Processor, 185W	Intel	2.5GHz	Sapphire Rapids	S3
SRMGZ Intel(R) Xeon(R) Gold 6428N Processor, 185W	Intel	1.8GHz	Sapphire Rapids	S3
SRMGG Intel(R) Xeon(R) Silver 4416+ Processor, 165W	Intel	2.0GHz	Sapphire Rapids	S3
SRMGX Intel(R) Xeon(R) Gold 5418N Processor, 165W	Intel	1.8GHz	Sapphire Rapids	S3
SRMGU Intel(R) Xeon(R) Gold 6416H Processor, 165W	Intel	2.2GHz	Sapphire Rapids	S3
SRMGS Intel(R) Xeon(R) Silver 4410T Processor, 150W	Intel	2.7GHz	Sapphire Rapids	S3
SRMGE Intel(R) Xeon(R) Silver 4410Y Processor, 150W	Intel	2.0GHz	Sapphire Rapids	S3
SRMGC Intel(R) Xeon(R) Gold 5415+ Processor, 150W	Intel	2.9GHz	Sapphire Rapids	S3
SRMH2 Intel(R) Xeon(R) Gold 5416S Processor, 150W	Intel	2.0GHz	Sapphire Rapids	S3

Register Memory		Model Name	P/N	Remark
16G DDR5 4800 R-DIMM	Micron	16GB PC5-4800	MTC10F1084SIRC48BA1	
16G DDR5 5600 R-DIMM	SK Hynix	16GB PC5-5600	HMCG78AGBRA191N	
32G DDR5 4800 R-DIMM	Micron	32GB PC5-4800	MTC20F1045S1RC48BA2	
32G DDR5 4800 R-DIMM	Micron	32GB PC5-4800	MTC20F1045S1RC48BAXBAAFB	
64G DDR5 4800 R-DIMM	Micron	64GB PC5-4800	MTC40F2046S1RC48BA1	

SATA/SAS 2.5" HDD		Model Number	P/N	Type
1TB, 7200rpm, SATA 6Gb/s, 2.5" HDD, 512e	Seagate	ST1000NX0313		

PCIe/NVMe 2.5" SSD		Model Number	P/N	Type
Dapustor Roelsens R5300 1.28TB, PCIe Gen4, 2.5" U.2 SSD	Dapustor	DPDR31016TT512T8000		
Hagiwara JN2E-1920A00TN 1.747TB, PCIe Gen4, 2.5" U.2 SSD	Hagiwara	JN2E-1920A00TN		ES sample
Innodisk 4TS2-P 400GB, PCIe Gen4, 2.5" U.2 SSD	Innodisk	DSEU2-400DP1KCAEF-E84		
Innodisk 4TS2-P 800GB, PCIe Gen4, 2.5" U.2 SSD	Innodisk	DSEU2-800DP1KCAEF-E84		
Innodisk 4TS2-P 1.6TB, PCIe Gen4, 2.5" U.2 SSD	Innodisk	DSEU2-1T6DP1KCAEF-E84		
Innodisk 4TS2-P 3.2TB, PCIe Gen4, 2.5" U.2 SSD	Innodisk	DSEU2-3T2DP1KCAEF-E84		
Intel DC P3520 450GB, single port, PCIe Gen3, 2.5" U.2 SSD	Intel	DC P3520	SSDPE2MX450G7	
Intel DC P3600 400GB, single port, PCIe Gen3, 2.5" U.2 SSD	Intel	DC P3600	SSDPE2ME400G4	
Intel DC P4510 1.0TB, PCIe Gen3, 2.5" U.2 SSD	Intel	DC P4510	SSDPE2KX010T8	
Intel DC P4510 2.0TB, PCIe Gen3, 2.5" U.2 SSD	Intel	DC P4510	SSDPE2KX020T8	
Intel/Solidigm D7-P5510 3.84TB, single port, PCIe Gen4, 2.5" U.2 SSD	Intel/Solidigm	D7-P5510	SSDPF2KX038TZ	
Intel/Solidigm D7-P5620 1.6TB, PCIe Gen4, 2.5" U.2 SSD	Intel/Solidigm	D7-P5620	SSDPF2KE016T1	
Intel/Solidigm D7-P5620 3.2TB, PCIe Gen4, 2.5" U.2 SSD	Intel/Solidigm	D7-P5620	SSDPF2KE032T1	
Intel/Solidigm D7-P5620 6.4TB, PCIe Gen4, 2.5" U.2 SSD	Intel/Solidigm	D7-P5620	SSDPF2KE064T1	
Kioxia CD-6, 960GB, PCIe Gen4, 2.5" U.3 SSD	Kioxia	KCD6XLUL960G		



PCIe/NVMe 2.5" SSD		Model Number	P/N	Type
Kioxia CD-6, 1.92TB, PCIe Gen4, 2.5" U.3 SSD	Kioxia	KCD61LUL1T92		
Longsys ORCA 4836, 1.92TB, PCIe Gen4, 2.5" U.2 SSD	Lohnsys	RSZE4836P-1920		
Micron 7400 Pro 3.8TB, PCIe Gen4, 2.5" U.3 SSD	Micron	Micron 7400 Pro	MTFDKCB3T8TDZ-1AZ1ZABYY	
Phison EPM0970-1920GAIC-P1M, 1.92TB, PCIe Gen4, 2.5" U.3 SSD	Phison	EPM0970-1920GAIC-P1M		
Seagate Nytro 5550M 1.6TB, dual port, PCIe Gen4, 2.5" U.3 SSD	Seagate	XP1600LE70035		
Seagate Nytro 5350M 1.92TB, dual port, PCIe Gen4, 2.5" U.3 SSD	Seagate	XP1920SE70035		
WD Ultrastar DC SN650 7.68TB, PCIe Gen4, NVMe 1.4b, 2.5" U.3 SSD	WD	WUS5EA176ESP5E1		

PCIe/NVMe M.2 SSD		Model Number	P/N	Type
Centon C3-CT-X44E-1.1A 1TB (NVMe)	Centon	Centon M.2 PCIe Gen4x4	C3-CT-X44E-1.1A	Performance is limited by M.2 slot PCIe lane width

NIC CARDS (see motherboard section for LOM)		Model Name	P/N	Remark
Mellanox MCX653106A-HDAT, Dual Port 200Gbs	Mellanox	CX653106A	MCX653106A-HDAT	
NVIDIA ConnectX-7 MCX75310AAS-HEAT, NDR200, PCIe Gen4/5 x16, Single-port OSFP	Mellanox	CX775310AA	MCX75310AAS-HEAT	

HBA & RAID		Model Name	S/N, P/N	Device Name
Broadcom 9562-16i 12Gb/s Tri-Mode RAID Adapter OCP 3.0	Broadcom	9562-16i		

Supported OSs				
Windows Server 2022 (64bit)				
Windows Server 2019 (64bit)				
Ubuntu Server 22.04 (64bit)				