

## Qualification Vendor List

AMD CPU											
Product Name	Vendor	Code Name	Stepping	L3 Cache	# of Cores / Threads	Processor of Base Frequency (GHz)	Processor Boost Max Frequency (GHz)	Default TDP	cTDP Min / cTDP Max	Memory Types	Note
<b>Raphael</b>											
Don't write "Test Items" under this line!!!											
Ryzen 5 7800	AMD	Raphael		32MB	6C / 12T	3.8GHz	5.1GHz	65W		DDR5	
Ryzen 5 7800X	AMD	Raphael		32MB	6C / 12T	4.7GHz	5.3GHz	105W		DDR5	
Ryzen 7 7700	AMD	Raphael		32MB	8C / 16T	3.8GHz	5.3GHz	65W		DDR5	
Ryzen 7 7700X	AMD	Raphael		32MB	8C / 16T	4.5GHz	5.4GHz	105W		DDR5	
Ryzen 9 7900	AMD	Raphael		64MB	12C / 24T	3.7GHz	5.4GHz	65W		DDR5	
Don't write "Test Items" under this line!!!											
Memory											
Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
<b>UDIMM</b>											
Don't write "Test Items" under this line!!!											
AD5U48009G-DT	ADATA	DDR5	8GB				4800MHz	NonECC			
AD5U480016G-DT	ADATA	DDR5	16GB				4800MHz	NonECC			
AU16GHB48CTBBGC	Apacer	DDR5	16GB				4800MHz	NonECC			
D32 31280S 001	Apacer	DDR5	16GB				4800MHz	ECC			
CT8G48C40U5	CRUCIAL	DDR5	8GB				4800MHz	NonECC			
CT8G48C40U5 4AY	CRUCIAL	DDR5	8GB				4800MHz	NonECC			
CT8G48C40S8U5.C8B1	CRUCIAL	DDR5	8GB				4800MHz	NonECC			
CT16G48C40D8U5.C1B1	CRUCIAL	DDR5	16GB				4800MHz	NonECC			
CT16G48C40U5	CRUCIAL	DDR5	16GB				4800MHz	NonECC			
CT16G48C40U5.8AW	CRUCIAL	DDR5	16GB				4800MHz	NonECC			
CT32G48C40U5	CRUCIAL	DDR5	32GB				4800MHz	NonECC			
M5C0-AGS2L.CVP-D33	innodisk	DDR5	16GB				4800MHz	ECC			
M5C0-BSG2M.CVP-D33	innodisk	DDR5	32GB				4800MHz	ECC			
KTFGU5MA8-M	Kingtigo	DDR5	16GB				4800MHz	NonECC			
KM-LD5-4800-16GS	KINGMAX	DDR5	16GB				4800MHz	NonECC			
KF548C38BBK2-16	Kingston	DDR5	8GB				4800MHz	NonECC			
KF566C40BBK2-16	Kingston	DDR5	8GB				4800MHz	NonECC			
KVR48U40BS8K2-32	Kingston	DDR5	16GB				4800MHz	NonECC			
KF548C38BBK2-32	Kingston	DDR5	16GB				4800MHz	NonECC			
KSM48E40BS8KM-16HM	Kingston	DDR5	16GB				4800MHz	ECC			
9270333	Kingston	DDR5	16GB				4800MHz	NonECC			
KSM48E40BD8KM-32HM	Kingston	DDR5	32GB				4800MHz	ECC			
KF548C38BBK2-64	Kingston	DDR5	32GB				4800MHz	NonECC			
KD5AGUA8M-48G4000	KLEVV	DDR5	16GB				4800MHz	NonECC			
PSD532G480041	PATRIOT	DDR5	8GB				4800MHz	NonECC			
PSD532G4800K	PATRIOT	DDR5	16GB				4800MHz	NonECC			
M323R1GB4BB0-CQKPN	Samsung	DDR5	8GB				4800MHz	NonECC			
M323R4GA3BB0-CQK0D	Samsung	DDR5	32GB				4800MHz	NonECC			
TE16GFLEV1MH	TEAMGROUP	DDR5	16GB				4800MHz	ECC			
TE32GFLEV1MH	TEAMGROUP	DDR5	32GB				4800MHz	ECC			
TS4800ALE-16G	Transcend	DDR5	16GB				4800MHz	NonECC			
TS4800ALE-32G	Transcend	DDR5	32GB				4800MHz	NonECC			
KM-LD5-5200-16GS	KINGMAX	DDR5	16GB				5200MHz	NonECC			
SR6G7UD5385MB01	SMART	DDR5	48GB				4800MHz	ECC			
MTC10C1084S1EC56BAZ BC	Micron	DDR5	16GB				5600MHz	ECC			Restricted to 5200MHz
MTC20C2085S1EC56BAZ BC	Micron	DDR5	32GB				5600MHz	ECC			Restricted to 5200MHz
TE16GFLEV2MH	TEAMGROUP	DDR5	16GB				5600MHz	ECC			Restricted to 5200MHz
TE32GFLEV2MH	TEAMGROUP	DDR5	32GB				5600MHz	ECC			Restricted to 5200MHz
Don't write "Test Items" under this line!!!											
SATA/SAS HDD											
Product Name	Vendor	Type	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encription	FW
<b>SATA</b>											
Don't write "Test Items" under this line!!!											
ST1000NM0016	Seagate	SATA	3.5"	512e	10TB	6Gb/s	Exos X10	256MB	7200	N/A	
ST14000NM0018	Seagate	SATA	3.5"	512e/4Kn	14TB	6Gb/s	Exos X14	256MB	7200	N/A	
ST16000NM001G	Seagate	SATA	3.5"	512e/4Kn	16TB	6Gb/s	Exos X16	256MB	7200	N/A	
ST18000NM000J	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	Exos X18	256MB	7200	N/A	
ST20000NM007D	Seagate	SATA	3.5"	512e/4Kn	20TB	6Gb/s	Exos X20	256MB	7200	N/A	
MG08ADA800E	Toshiba	SATA	3.5"	512e	8TB	6Gb/s	MG08-D	256MB	7200	N/A	
MG09ACA18TE	Toshiba	SATA	3.5"	512e	18TB	6Gb/s	MG09	512MB	7200	N/A	
HUS722T2TAL604	WD	SATA	3.5"	512n	2TB	6Gb/s	Ultrastar DC HA210	128MB	7200	N/A	
HUS726T6TAL6L4	WD	SATA	3.5"	512e	6TB	6Gb/s	Ultrastar DC HC310	256MB	7200	N/A	
WUHT721818ALE6L4	WD	SATA	3.5"	512e	18TB	6Gb/s	Ultrastar DC HC550	512MB	7200	N/A	
WUHT722020BLE6L4	WD	SATA	3.5"	512e	20TB	6Gb/s	Ultrastar DC HC560	512MB	7200	N/A	
WUHT722222ALE6L4	WD	SATA	3.5"	512e	22TB	6Gb/s	Ultrastar DC HC570	512MB	7200	N/A	
Don't write "Test Items" under this line!!!											
SATA/SAS SSD											
Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note				
<b>SATA</b>											
Don't write "Test Items" under this line!!!											
MTFDDAK1T9TGA-1BC1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5400 PRO Series				
MTFDDAK1T9TGB-1BC1ZABYY	Micron	SSD	2.5"	SATA	1.92TB	6Gb/s	5400 MAX Series				
SSB1K9GTLW-D2-SME1720GBT	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s	ESM1720 Series				
SSB1K9GTLW-D2-SME1720GBT ESM1720 Series	Phison	SSD	2.5"	SATA	1.92TB	6Gb/s					
MZ7L3480HCHQ-00A07	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	PM893 Series				
SSDSC2K0G19TZ	Solidigm	SSD	2.5"	SATA	1.92TB	6Gb/s	D3-S4620 Series				
SSDSC2K0G38TZ	Solidigm	SSD	2.5"	SATA	3.84TB	6Gb/s	D3-S4620 Series				
SSDSC2K240ZG	Solidigm	SSD	2.5"	SATA	240GB	6Gb/s	D3-S4520 Series				
MZ7L3480HCHQ-00A07 PM893 Series	Samsung	SSD	2.5"	SATA	480GB	6Gb/s	SATAIII 6Gb/s				
Don't write "Test Items" under this line!!!											
M.2											
Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note				
<b>M.2</b>											
Don't write "Test Items" under this line!!!											
MZ-1LB1T9N	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen3 x4	983 DCT Series				
IM2P41B8-480GC	ADATA	M.2	2280	PCIe(NVMe)	480GB	PCIe Gen4 x4					
MTFDKBG1T9TDZ	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series				
MTFDKBG3T8TDZ	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series				
MTFDKBG3T8TFR	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series				
MTFDKBA800TFS	Micron	M.2	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	7450 Max Series				
MTFDKBA800TFC	Micron	M.2	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	7400 Max Series				
ESO480GTLW-EC-EPR3750GBT	PHISON	M.2	2280	PCIe(NVMe)	400GB	PCIe Gen4 x4	EPR3750 Series				
MZ1L21T9HCLS	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series				
MZ1L2960HCJR	Samsung	M.2	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series				
CA6-8D2048	SSSTC	M.2	2280	PCIe(NVMe)	2TB	PCIe Gen4 x4	CA6 Series				
Don't write "Test Items" under this line!!!											
RAID Card											
Product Name	Vendor	RAID-on-Chip Controller	Host Bus Type	Internal Ports	Internal Connector s	Extrenal Ports	External Connectors	Data Transfer Rate	Note		
<b>Broadcom</b>											
Don't write "Test Items" under this line!!!											
MegaRAID 9560-16i (SAS/SATA mode)	Broadcom	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gbps per port			

MegaRAID 9560-16i Tri-Mode (NVMe)	Broadcom	SAS3916 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	16	2 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
MegaRAID 9560-8i (SAS/SATA mode)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
MegaRAID 9560-8i Tri-Mode (NVMe)	Broadcom	SAS3908 Tri-Mode RAID-on-Chip (ROC)	PCIe Gen4 x8	8	1 SlimSAS SFF-8654	-	-	Up to 12Gb/s per port
Don't write "Test Items" under this line!!!								
<b>LAN Card</b>								
Product Name	Vendor	Connector	System InterfaceType	# of Ports	Data Rate			Note
<b>GIGABYTE</b>								
Don't write "Test Items" under this line!!!								
CLN4314	GIGABYTE	RJ-45	PCIe Gen2 x4	Quad	1Gb/s per port			INTEL I350-AM4
CLN4832	GIGABYTE	SFP+	PCIe Gen2 x8	Dual	10Gb/s per port			INTEL 82599ES
Don't write "Test Items" under this line!!!								
<b>NVIDIA</b>								
Don't write "Test Items" under this line!!!								
MCX75510AAS-NEAT	NVIDIA	OSFP	PCIe Gen5 x16	Single	400Gb/s per port			Mellanox ConnectX-7 (without Dual-Slot Socket Dire
Don't write "Test Items" under this line!!!								
<b>USB</b>								
Product Name	Vendor	Type	Spec	Capacity				Note
<b>USB 2.0</b>								
Don't write "Test Items" under this line!!!								
NST-D100	NexStar	HDD Dock	USB 2.0					
NST-200SU-BK	Vantec	HDD Dock	USB 2.0					
Don't write "Test Items" under this line!!!								
<b>USB 3.1 Type A</b>								
Don't write "Test Items" under this line!!!								
MB981U3-1S	ICYDOCK	Device	USB 3.1 Type A					
NA317U+	ineo	Device	USB 3.1 Type A					
ESW863 8X SLIM	NU	DVD	USB 3.1 Type A					
SST-TS13	Silver Stone	Device	USB 3.1 Type A					
CANVIO BASIC	Toshiba	HDD	USB 3.1 Type A	500G				
WDBACW0010HBK-00	WD	HDD Dock	USB 3.1 Type A					
WDBS4B0020BBK	WD	HDD BOX 2.5"	USB 3.1 Type A					
U3i-682	德利路	HDD Dock	USB 3.1 Type A					
Don't write "Test Items" under this line!!!								
<b>Peripheral-USB</b>								
Product Name	Vendor	Type	Spec	Capacity				Note
<b>USB 2.0</b>								
Don't write "Test Items" under this line!!!								
NST-D100	NexStar	HDD Dock	USB 2.0					
NST-200SU-BK	Vantec	HDD Dock	USB 2.0					
Don't write "Test Items" under this line!!!								
<b>USB 3.1 Type A</b>								
Don't write "Test Items" under this line!!!								
MB981U3-1S	ICYDOCK	Device	USB 3.1 Type A					
NA317U+	ineo	Device	USB 3.1 Type A					
ESW863 8X SLIM	NU	DVD	USB 3.1 Type A					
SST-TS13	Silver Stone	Device	USB 3.1 Type A					
CANVIO BASIC	Toshiba	HDD	USB 3.1 Type A	500G				
WDBACW0010HBK-00	WD	HDD Dock	USB 3.1 Type A					
WDBS4B0020BBK	WD	HDD BOX 2.5"	USB 3.1 Type A					
U3i-682	德利路	HDD Dock	USB 3.1 Type A					
Don't write "Test Items" under this line!!!								