

GIGABYTE™

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
Siena										
Don't write "Test Items" under this line!!!										
AMD 8024P	AMD	Siena	A2	32 MB	8C/16T	2.4 GHz	3.0 GHz	90W	70W / 100W	DDR5-4800
AMD 8024PN	AMD	Siena	A2	32MB	8C/16T	2.05 GHz	3.0 GHz	80W		DDR5-4800
AMD 8124P	AMD	Siena	A2	64 MB	16C/32T	2.45 GHz	3.0 GHz	125W	120W / 150W	DDR5-4800
AMD 8124PN	AMD	Siena	A2	64MB	16C/32T	2.0 GHz	3.0 GHz	100W		DDR5-4800
AMD 8224P	AMD	Siena	A2	64 MB	24C/48T	2.55 GHz	3.0 GHz	160W	155W / 225W	DDR5-4800
AMD 8224PN	AMD	Siena	A2	64MB	24C/48T	2.0 GHz	3.0 GHz	120W		DDR5-4800
AMD 8324P	AMD	Siena	A2	128 MB	32C/64T	2.65 GHz	3.0 GHz	180W	155W / 225W	DDR5-4800
AMD 8324PN	AMD	Siena	A2	128MB	32C/64T	2.05 GHz	3.0 GHz	130W		DDR5-4800
AMD 8434P	AMD	Siena	A2	128 MB	48C/96T	2.5 GHz	3.1 GHz	200W	155W / 225W	DDR5-4800
AMD 8434PN	AMD	Siena	A2	128MB	48C/96T	2.0 GHz	3.0 GHz	155W		DDR5-4800
AMD 8534P	AMD	Siena	A2	128 MB	64C/128T	2.3 GHz	3.1 GHz	200W	155W / 225W	DDR5-4800
AMD 8534PN	AMD	Siena	A2	128MB	64C/128T	2.0 GHz	3.1 GHz	175W		DDR5-4800
Don't write "Test Items" under this line!!!										
Memory										
Product Name	Vendor	Memory Type	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	Pins	Note
DDR5 RDIMM										
Don't write "Test Items" under this line!!!										
AO4V48UCSV1-BHRS	ADATA	DDR5	16GB	Samsung-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
AO4V48UCTV2-BHSS	ADATA	DDR5	32GB	Samsung-Montage	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
KSM48R40BS8KMM-16HMR	Kingston	DDR5	16GB	Skhynix-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
KSM48R40BS4TMM-32HMR	Kingston	DDR5	32GB	Skhynix-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
KSM48R40BD8KMM-32HMR	Kingston	DDR5	32GB	Skhynix-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 NGCC	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 HCCG	Micron	DDR5	16GB	Micron-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F1084S1RC48BA1 NHFF	Micron	DDR5	16GB	Micron-Rambus	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1045S1RC48BA2 HCCH	Micron	DDR5	32GB	Micron-Rambus	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 HCCH	Micron	DDR5	32GB	Micron-Rambus	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 HCCG	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F2085S1RC48BA1 NGCC	Micron	DDR5	32GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1045S1RC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1045S1RC48BA2 HCCG	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F1045S1PC48BA2 NGCC	Micron	DDR5	32GB	Micron-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC20F208XS1RC48BB1 NGCC	Micron	DDR5	48GB	Micron-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 FCCI	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 GCCG	Micron	DDR5	64GB	Micron-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC36F2046S1PC48BA1 MHCC	Micron	DDR5	64GB	Micron-Rambus	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC40F2046S1RC48BA1 FICC	Micron	DDR5	64GB	Micron-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG78AEBRA168N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
HMCG78AEBRA115N AA	SKhynix	DDR5	16GB	SKhynix-IDT	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
HMCG78AEBRA107N AA	SKhynix	DDR5	16GB	SKhynix-Montage	1Rx8	1.1v	4800MHz	ECC Registered	288-pin	
HMCG88MEBRA113N AA	SKhynix	DDR5	32GB	SKhynix-IDT	2Rx8	1.1v	4800MHz	ECC Registered	288-pin	
HMCG84AEBRA107N AA	SKhynix	DDR5	32GB	SKhynix-Montage	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG84AEBRA115N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG84AEBRA168N AA	SKhynix	DDR5	32GB	SKhynix-IDT	1Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG94AEBRA123N AA	SKhynix	DDR5	64GB	SKhynix-IDT	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
HMCG94AEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	

GIGABYTE™

HMCG94MEBRA109N AA	SKhynix	DDR5	64GB	SKhynix-Montage	2Rx4	1.1v	4800MHz	ECC Registered	288-pin	
MTC10F108YS1RC56BB1 NMCC	Micron	DDR5	24GB	Micron-Montage	1Rx8	1.1v	5600MHz	ECC Registered	288-pin	
MTC20F104XS1RC56BB1 MPFF	Micron	DDR5	48GB	Micron-Renesas	1Rx4	1.1v	5600MHz	ECC Registered	288-pin	
MTC40F204WS1RC56BB1 IMCC	Micron	DDR5	96GB	Micron-Montage	2Rx4	1.1v	5600MHz	ECC Registered	288-pin	

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
--------------	--------	------	-------------	--------	----------	-----------------	--------	-------	-----	------------

SATA HDD

Don't write "Test Items" under this line!!!

ST18000NM000J	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	Exos X18	256MB	7200	N/A
ST18000NM0092	Seagate	SATA	3.5"	512e/4Kn	18TB	6Gb/s	EXOS 2x18	256MB	7200	standard
ST22000NM001E	Seagate	SATA	3.5"	512e	22TB	6Gb/s	Exos X22	512MB	7200	N/A
MG08ADA800E	Toshiba	SATA	3.5"	512e	8TB	6Gb/s	MG08-D	256MB	7200	N/A
MG08ACA16TE	Toshiba	SATA	3.5"	512e	16TB	6Gb/s	MG08	512MB	7200	N/A
MG09ACA18TE	Toshiba	SATA	3.5"	512e	18TB	6Gb/s	MG09	512MB	7200	N/A
MG10ACA20TE	Toshiba	SATA	3.5"	512e	20TB	6Gb/s	MG10	512MB	7200	N/A
HUS722T2TALA604	WD	SATA	3.5"	512n	2TB	6Gb/s	Ultrastar DC HA210	128MB	7200	N/A
HUS726T6TALE6L4	WD	SATA	3.5"	512e	6TB	6Gb/s	Ultrastar DC HC310	256MB	7200	N/A
WUH721818ALE6L4	WD	SATA	3.5"	512e	18TB	6Gb/s	Ultrastar DC HC550	512MB	7200	N/A
WUH722020BLE6L4	WD	SATA	3.5"	512e	20TB	6Gb/s	Ultrastar DC HC560	512MB	7200	N/A
WUH722222ALE6L4	WD	SATA	3.5"	512e	22TB	6Gb/s	Ultrastar DC HC570	512MB	7200	N/A

Don't write "Test Items" under this line!!!

NVMe/SATA M.2

Product Name	Vendor	Type	Form Factor	Interface	Capacity	Interface Speed	Note
--------------	--------	------	-------------	-----------	----------	-----------------	------

NVMe M.2

Don't write "Test Items" under this line!!!

MTFDKBG1T9TDZ	Micron	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	7400 Pro Series
MTFDKBG3T8TFR	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7450 Pro Series
MTFDKBG3T8TDZ	Micron	M.2	22110	PCIe(NVMe)	3.84TB	PCIe Gen4 x4	7400 Pro Series
MZ1L2960HCJR	Samsung	M.2	22110	PCIe(NVMe)	960GB	PCIe Gen4 x4	PM9A3 Series
MZ1L21T9HCLS	Samsung	M.2	22110	PCIe(NVMe)	1.92TB	PCIe Gen4 x4	PM9A3 Series
IM2P41B8-480GC	ADATA	M.2	2280	PCIe(NVMe)	480GB	PCIe Gen4 x4	
MTFDKBA800TFC	Micron	M.2	2280	PCIe(NVMe)	800GB	PCIe Gen4 x4	7400 Max Series
ESO480GTLWCW-EC-EPR3750GBT	PHISON	M.2	2280	PCIe(NVMe)	400GB	PCIe Gen4 x4	EPR3750 Series
CA6-8D2048	SSSTC	M.2	2280	PCIe(NVMe)	2TB	PCIe Gen4 x4	CA6 Series

Don't write "Test Items" under this line!!!

GPGPU Card

Product Name	Vendor	Processor Cores	Memory Bandwidth (GB/sec)	VRAM	OpenGL	Microsoft DirectX	Graphics Card Power (W)	NVIDIA SLI / AMD CrossFire Ready	Note
--------------	--------	-----------------	---------------------------	------	--------	-------------------	-------------------------	----------------------------------	------

Tesla

Don't write "Test Items" under this line!!!

A40	NVIDIA	10752	696 GB/s	48GB			300 W		
-----	--------	-------	----------	------	--	--	-------	--	--

Don't write "Test Items" under this line!!!

LAN Card

Product Name	Vendor	Connector	System InterfaceType	# of Ports	Data Rate	Note
--------------	--------	-----------	----------------------	------------	-----------	------

Broadcom

Don't write "Test Items" under this line!!!

BCM957416A4160C	Broadcom	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	BCM57416 (P210TP)
BCM957414A4142CC	Broadcom	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	BCM57414 (P225P)
BCM957508-P2100G	Broadcom	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	BCM57508

Don't write "Test Items" under this line!!!

Chelsio

Don't write "Test Items" under this line!!!

T540-LP-CR	Chelsio	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	Power 11w
------------	---------	------	--------------	------	-----------------	-----------

GIGABYTE™

T6225-SO-CR	Chelsio	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Power 10w
T6225-CR	Chelsio	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Power 13w
T62100-SO-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 16w
T62100-LP-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 19w
T62100-CR	Chelsio	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Power 22w
Don't write "Test Items" under this line!!!						
GIGABYTE						
Don't write "Test Items" under this line!!!						
CLNCA12	GIGABYTE	RJ-45	OCPC PCIe Gen2 x2	Dual	1Gb/s per port	Broadcom BCM5720 / Support OCP 3.0
CLN4A10	GIGABYTE	RJ-45	PCIe Gen3 x8	Dual	1Gb/s per port	Broadcom BCM5720L
CLN4B20	GIGABYTE	RJ-45	PCIe Gen3 x8	Dual	10Gb/s per port	Broadcom BCM57416
CLNCB22	GIGABYTE	RJ-45	OCPC PCIe Gen3 x8	Dual	10Gb/s per port	Broadcom BCM57416 / Support OCP 3.0
CLNCD42	GIGABYTE	SFP28	OCPC PCIe Gen3 x8	Dual	25Gb/s per port	Broadcom BCM57414 / Support OCP 3.0
CLN4D40	GIGABYTE	SFP28	PCIe Gen3 x8	Dual	25Gb/s per port	Broadcom BCM57414
Don't write "Test Items" under this line!!!						
Intel						
Don't write "Test Items" under this line!!!						
X722-DA4	Intel	SFP+	PCIe Gen3 x8	Quad	10Gb/s per port	
E810-XXVDA4	Intel	SFP28	PCIe Gen4 x16	Quad	25Gb/s per port	Controller E810-CAM1
E810-XXVDA2 for OCP	Intel	SFP28	OCPC PCIe Gen4 x8	Dual	25Gb/s per port	Support OCP 3.0
E810-CQDA2 for OCP	Intel	QSFP28	OCPC PCIe Gen4 x16	Dual	100Gb/s per port	Support OCP 3.0
Don't write "Test Items" under this line!!!						
NVIDIA						
Don't write "Test Items" under this line!!!						
MCX631432AN-ADAB	NVIDIA	SFP28	OCPC PCIe Gen4 x8	Dual	25Gb/s per port	Mellanox ConnectX@-6 Lx without Crypto / Support O
MCX631102AN-ADAT	NVIDIA	SFP28	PCIe Gen4 x8	Dual	25Gb/s per port	Mellanox ConnectX@-6 Lx without Crypto
MCX516A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Dual	100Gb/s per port	Mellanox ConnectX-5 EN
MCX653105A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX515A-CCAT	NVIDIA	QSFP28	PCIe Gen3 x16	Single	100Gb/s per port	Mellanox ConnectX-5 EN
MCX653106A-ECAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX565M-CDAB	NVIDIA	QSFP28	OCPC PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX@-5 Ex Multi-Host / Support OCP 3
MCX623105AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Single	100Gb/s per port	Mellanox ConnectX@-6 Dx No Crypto, No Secure Boot
MCX623106AN-CDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	100Gb/s per port	Mellanox ConnectX@-6 Dx No Crypto, No Secure Boot
MCX653106A-HDAT	NVIDIA	QSFP56	PCIe Gen4 x16	Dual	200Gb/s per port	Mellanox ConnectX-6 Ex VPI (InfiniBand)
MCX683105AN-HDAT	NVIDIA	QSFP	PCIe Gen4 x16	Single	200Gb/s per port	Mellanox ConnectX-6 DE VPI (InfiniBand)
MCX75310AAS-NEAT	NVIDIA	OSFP	PCIe Gen5 x16	Single	400Gb/s per port	NVIDIA ConnectX-7 VPI (InfiniBand)
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!!!						