

"D120-C20" Qualification Vender List Ver:2.0											
Memory											
Product Name	Memorn Tnpe	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latencn	Pins	Note
RDIMM											
MTA18ASF1G72PDZ-2G1A1	DDR4	Micron	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT8G4RFD8213.18FA1	DDR4	CRUCIAL	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
MTA36ASF2G72PZ-2G1A2IG	DDR4	Micron	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT16G4RFD4213.36FA2	DDR4	CRUCIAL	16GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT32G4LFQ4213.36DA1	DDR4	CRUCIAL	32GB	Micron	4R	1.2v	2133MHz	ECC Registered	15	288-pin	
M393A2G40DB0-CPB	DDR4	SAMSUNG	16GB	Samsung	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR21R15S4/8	DDR4	Kingston	8GB	SKhynix	1R	1.2v	2133MHz	ECC Registered	15	288-pin	
T4C8R10H62159	DDR4	TeamGroup	4GB	SKhynix	1Rx4	1.2v	2133MHz	ECC Registered	15	288-pin	
T4D4R10H62158	DDR4	TeamGroup	8GB	SKhynix	2Rx4	1.2v	2133MHz	ECC Registered	15	288-pin	
CMA6-3GA01CAR01MEO	DDR4	Acpi	8GB	SKhynix		1.2v	2133MHz	ECC Registered	15	288-pin	
HMA84GR7AFR4N-UHTD	DDR4	SKhynix	32GB	SKhynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
J4BGRH2G4PGXC	DDR4	MBG-JBM	32GB	SKhynix	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFS424A.18FB1	DDR4	Crucial	16GB	Micron	1RX4	1.2v	2400MHz	ECC Registered	17	288-pin	
TR416G24S417	DDR4	V-color	16GB		1Rx4	1.2v	2400MHz	ECC Registered		288-pin	
TR432G24D417	DDR4	V-color	32GB		2Rx4	1.2v	2400MHz	ECC Registered		288-pin	
CT8G4RFS824A.2G3B1	DDR4	Crucial	8GB		1Rx4	1.2v	2400MHz	ECC Registered		288-pin	
MTA9ASF1G72PZ-2G3B1MG	DDR4	Micron	8GB		2Rx4	1.2v	2400MHz	ECC Registered		288-pin	
M4R0-8GSSBCSJ	DDR4	Innodisk	8GB		2Rx8	1.2v	2400MHz	ECC Registered		288-pin	
CT32G4RFD424A.2G3B1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
MTA36ASF4G72PZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
ECC UDIMM											
M4C0-4GSSLCRG	DDR4	INNODISK	4GB	Samsung		1.2v	2133MHz	ECC Unbuffer	15	288-pin	
TS1GLH72V1H	DDR4	Transcend	8GB	Samsung	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
PED42133C158GVS	DDR4	Panram	8GB	SKhynix		1.2v	2133MHz	ECC Unbuffer	15	288-pin	

PED42133C154GV5	DDR4	Panram	4GB	SKhynix		1.2v	2133MHz	ECC Unbuffer	15	288-pin	
CT4G4WFS8213.9FA1	DDR4	Crucial	4GB	Micron	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
T2D4C10S61163	DDR4	TeamGroup	8GB	Samsung	1R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
CMA6-3GA01DAR01MEO	DDR4	Acpi	8GB	SKhynix		1.2v	2133MHz	ECC Unbuffer	15	288-pin	
KVR21E15S8/4HA	DDR4	Kingston	4GB	SKhynix	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
KVR21E15D8/8HA	DDR4	Kingston	8GB	SKhynix	2R	1.2v	2133MHz	ECC Unbuffer	15	288-pin	
HMA81GU7AFR8N-UHT0	DDR4	SKhynix	8GB		1Rx8	1.2V	2400MHz	ECC Unbuffer	17	288-pin	
HMA82GU7AFR8N-UHT0	DDR4	SKhynix	16GB	SKhynix	2Rx8	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
KVR24E17D8/16MA	DDR4	Kingston	16GB		2Rx8	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
KVR24E17S8/8MA	DDR4	Kingston	8GB		1Rx8	1.2v	2400MHz	ECC Unbuffer	17	288-pin	

Seagate HDD

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Seagate Enterprise Capacity 3.5 HDD											
ST4000NM0033	SATA	Seagate	3.5"	512N	4TB	6Gb/s	ES.3	128MB	7200	N/A	SN04
ST8000NM0055	SATA	Seagate	3.5"	512E	8TB	6Gb/s	v.5	256MB	7200	N/A	SN01

Seagate Enterprise Performance 15K HDD

WD HDD

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Datacenter											
WD4000FYYZ-01UL1B1	SATA	WD	3.5"	N/A	4TB	6Gb/s	WD Re	64MB	7200	N/A	1K04

Toshiba HDD

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Datacenter											
MG05ACA800E	SATA	Toshiba	3.5"	512e	8TB	6Gb/s	Enterprise Capacity	128MB	7200	N/A	GX1A
MG040ACA600E	SATA	Toshiba	3.5"	512e	6TB	6Gb/s		128MB	7200	N/A	FS2B
MG04ACA100N	SATA	Toshiba	3.5"	512e	1TB	6Gb/s	Capacity	128MB	7200	N/A	A0

HGST HDD

Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption	FW
Enterprise Hard Drives											
HUS724040ALA640	SATA	HGST	3.5"	512N	4TB	6Gb/s	Ultrastar 7K4000	64MB	7200	N/A	A70
HUH728080ALE604	SATA	HGST	3.5"	512e	8TB	6Gb/s	Ultrastar He8	128MB	7200	N/A	7J0

SATA DOM

Product Name	Type	Vendor	Capacity	Flash Type	Max. Channels	FW	Max. Power Consumption	Note
SATA III								
DESSL-64GD72SCADNA	Vertical	INNODISK	64GB	MLC	4		1 W	
DESSL-64GM41BC1SCB	Vertical	INNODISK	64GB	MLC	1	0.734W (5V x 146.9mA)		
DESSL-64GM41BCADCB	Vertical	INNODISK	64GB	MLC	2	0.815W (5V x 163mA)		

SSD

M.2

Model	Type	Vendor	Form Factor	Interface	Capacity	Interface Speed	FW	Note		
Me.262 256GB M.2	M.2	Ezlink	2280	PCIe	256GB					
ND280C-512GM-MT	M.2	TECHCOMP	2280	PCIe	512GB					
PX-G128M6e-2280	M.2	PLEXTOR	-	PCI-E	128GB					
MZHPV128HDGM-0000	M.2	Samsung	-	PCIe(AHCI)	128GB					
MZHPV256HDGL-00000	M.2	Samsung	-	PCIe 3.0 x4	256GB					
MZVPV128HDGM-0000	M.2	Samsung	-	PCIe(NVMe)	128GB					
MZVPV128HDGM-00000	M.2	Samsung	-	PCIe 3.0 x4	128GB					
MZVPV512HDGL-0000	M.2	Samsung	-	PCIe(NVMe)	512GB					
MZHPV512HDGL-00000	M.2	Samsung	-	PCIe(AHCI)	512GB					
Transceiver / AOC / DAC										
Product Name / Product Number	Speed	Form Factor	Length	Connector type	nominal optical wavelength (nm)		Note			
Transceiver										
Avago AFBR-709DMZ	10G/1G	SFP+	N/A	LC	850					
Active Optical Cables (AOC)										
Avogo AFBR-7CER07Z	10Gb	SFP+	7M	N/A	850					
Avogo AFBR-7CER03Z	10Gb	SFP+	3M	N/A	850					