

## Qualified Vendors List (QVL)

M.2 SATA									
Module Supplier	Interface	PCIe Bus	Support Card Type	Module KEY	Model \ Module P/N.	Size	AHCI	RAID	
ADATA	SATA3	N/A	2280	SATA B / M	SP550 ASP550NS38-240GM 240GB SATAIII	240GB	V	V	
ADATA	SATA3	N/A	2280	SATA B / M	AXNS381E-256GM	256GB	V	V	
ADATA	SATA3	N/A	2280	SATA B / M	SP900 ASP900NS38-128GM-C	128GB	V	V	
ADATA	SATA3	N/A	2280	SATA B / M	SU800 ASU800NS38-512GT-C	512GB	V	V	
Apacer	SATA3	N/A	2280	SATA B / M	AP128GAS	128GB	V	V	
Apacer	SATA3	N/A	2260	SATA B / M	AP240GAS	240GB	V	V	
Apacer	SATA3	N/A	2280	SATA B / M	APM2T80A201032GD	32GB	V	V	
Apacer	SATA3	N/A	2260	SATA B / M	APM2T60A200032GD	32GB	V	V	
Apacer	SATA3	N/A	2242	SATA B / M	APM2T42A120032GN	32GB	V	V	
Crucial	SATA3	N/A	2280	SATA B / M	CT120M500SSD4	128GB	V	V	
Crucial	SATA3	N/A	2280	SATA B / M	M550 128GB CT128M550SSD4	128GB	V	V	
Crucial	SATA3	N/A	2280	SATA B / M	MX200 CT250MX200SSD4	250GB	V	V	
Ezlink	SATA3	N/A	2280	SATA B / M	P51B-80 EZ2016042722	120GB	V	V	
GLOWY	SATA3	N/A	2280	SATA B / M	VAL1TS3 DA3B30B027119	1TB	V	V	
Intel	SATA3	N/A	2280	SATA B / M	535 SSDSCKJW240H6	240GB	V	V	
Intel	SATA3	N/A	2280	SATA B / M	SSDSCKW120A4	120GB	V	V	
Intel	SATA3	N/A	2280	SATA B / M	SSDSCKW240A4	240GB	V	V	
Innodisk	SATA3	N/A	2240	SATA B / M	M.2 (S42) 3ME4 DEM24-32GM41BC1DC	32GB	V	V	
Kingston	SATA3	N/A	2280	SATA B / M	SM2280S3G2	480GB	V	V	
Kingston	SATA3	N/A	2280	SATA B / M	SNS8100S3	128GB	V	V	
Kingston	SATA3	N/A	2260	SATA B / M	SNS6100S3	256GB	V	V	
Kingston	SATA3	N/A	2242	SATA B / M	SNS4151S3	32GB	V	V	
Kingston	SATA3	N/A	2242	SATA B / M	UV500 SUV500M8/120GB	120GB	V	V	
Kingston	SATA3	N/A	2242	SATA B / M	UV500 SUV500M8/240GB	240GB	V	V	
Kingston	SATA3	N/A	2242	SATA B / M	UV500 SUV500M8/480GB	480GB	V	V	
LITEON	SATA3	N/A	2280	SATA B / M	L8H-256V2G	256GB	V	V	
Patriot Ignite	SATA3	N/A	2280	SATA B / M	M2 PI240GSM280SSDR	240GB	V	V	
Samsung	SATA3	N/A	2280	SATA B / M	MZNTD128HAGM	128GB	V	V	
SanDisk	SATA3	N/A	2280	SATA B / M	X300 SD7SN6S-256G	256GB	V	V	
SanDisk	SATA3	N/A	2280	SATA B / M	Z400S SD8SNAT-256G	256GB	V	V	
SanDisk	SATA3	N/A	2280	SATA B / M	SD7UN3Q-256G-1022	256GB	V	V	
SanDisk	SATA3	N/A	2280	SATA B / M	X400 SD8SN8U-256G 2280 SATAIII	256GB	V	V	
Silicon Power	SATA3	N/A	2280	SATA B / M	M10 SP120GBSS3M10M28	120GB	V	V	
SK hynix	SATA3	N/A	2280	SATA B / M	128GB HFS128G38MNB	128GB	V	V	
SK hynix	SATA3	N/A	2280	SATA B / M	256GB HFS256G38MNB	256GB	V	V	
Skhynix	SATA3	N/A	2280	SATA B / M	SC300 2280S 512GB SATAIII	512GB	V	V	
Team Group	SATA3	N/A	2280	SATA B / M	TM8PS4128GMC105	128GB	V	V	
Team Group	SATA3	N/A	2280	SATA B / M	TM8PS4256GMC105	256GB	V	V	
Team Group	SATA3	N/A	2242	SATA B / M	TM4PS4128GMC105	128GB	V	V	
Team Group	SATA3	N/A	2242	SATA B / M	TM4PS4256GMC105	256GB	V	V	
Transcend	SATA3	N/A	2280	SATA B / M	MTS800 TS128GMTS800 SATAIII 128GB	128GB	V	V	
Transcend	SATA3	N/A	2260	SATA B / M	TS256GMTS600/256GB SATAIII 2260	256GB	V	V	
Transcend	SATA3	N/A	2242	SATA B / M	MTS400 TS128GMTS400 SATAIII 128GB	128GB	V	V	
WD	SATA3	N/A	2280	SATA B / M	Green WDS240G1G0B-00RC30 240GB 2280 SATA III	240GB	V	V	
WD	SATA3	N/A	2280	SATA B / M	3D NAND WDS250G2B0B 250GB 2280 SATA III	250GB	V	V	
WD	SATA3	N/A	2280	SATA B / M	3D NAND WDS500G2B0B 250GB 2280 SATA III	500GB	V	V	
WD	SATA3	N/A	2280	SATA B / M	BLUE WDS200T2B0B-00YS70	2TB	V	V	

## M.2 PCIe AHCI

Module Supplier	Interface	PCIe Bus	Support Card Type	Module KEY	Model \ Module P/N.	Size	AHCI	RAID mode + Remapping
Apacer	PCIe	Gen2x2	2242	PCIe B / M	PT42 APP064G3FA-ATM 2242 64GB (PCIe2.0)	64GB	V	X
Kingston	PCIe	Gen2x4	2280	PCIe M	SH2280S3	480GB	V	V
Lite-On	PCIe	Gen2x2	2280	PCIe B / M	LGT-256B1P 2280 (PCIe2.0)	256GB	V	V
Plextor	PCIe	Gen2x4	22110	PCIe M	EP1-KB480	480GB	V	V
Plextor	PCIe	Gen2x2	2280	PCIe B / M	128G 2280 (PCIe2.0)	128GB	V	V
Plextor	PCIe	Gen2x2	2280	PCIe B / M	256G 2280 (PCIe2.0)	256GB	V	V
Samsung	PCIe	Gen3x4	2280	PCIe M	SM951 MZ-HPV128HDGM	128GB	V	V
Samsung	PCIe	Gen3x4	2280	PCIe M	SM951 MZ-HPV5120	512GB	V	V
Samsung	PCIe	Gen2x4	2280	PCIe M	XP941 MZ-HPU512T	512GB	V	V
SanDisk	PCIe	Gen2x2	2260	PCIe B / M	A110 SD6PP4M-256G Gen2 x 2	256GB	V	V

SKhynix	PCIE	Gen2x4	2280	PCIe M	PC200 512GB 2280S	512GB	V	X
SKhynix	PCIE	Gen2x2	2280	PCIe B / M	PC200 512GB 2280S (PCIE2.0)	512GB	V	X
SKhynix	PCIE	Gen2x2	2260	PCIe B / M	PC200 512GB 2260D (PCIE2.0)	512GB	V	X
影馳	PCIE	Gen2x2	2260	PCIe B / M	鎧甲戰將M.2 256G GX-3NF256A1 2280 Gen2 x 2	256GB	V	V

### M.2 PCIe NVMe

Module Supplier	Interface	PCIe Bus	Support Card Type	Module KEY	Model \ Module P/N.	Size	AHCI	RAID mode + Remapping
Apacer	PCIE	Gen3x4	2280	PCIe M	Z280 AP480GZ280	480GB	V	
ADATA	PCIE	Gen3x4	2280	PCIe M	XPG SX8200 X8200NPA1	256GB	V	
ADATA	PCIE	Gen3x4	2280	PCIe M	SX6000 ASX6000PNP-256GT-C	256GB	V	
ADATA	PCIE	Gen3x4	2280	PCIe M	XPG Spectrix S40G AS40G-256GT	256GB	V	
ADATA	PCIE	Gen3x4	2280	PCIe M	XPG GAMMIS S11 AGAMMISS11L-512GT	512GB	V	
Corsair	PCIE	Gen3x4	2280	PCIe M	MP500 CSSD-F480GBMP500	480GB	V	
Corsair	PCIE	Gen3x4	2280	PCIe M	MP500 CSSD-F240GBMP500	240GB	V	
Crucial	PCIE	Gen3x4	2280	PCIe M	P1 CT500P1SSD8	500GB	V	
COLORFUL	PCIE	Gen2x4	2280	PCIe M	CN600 SPS8213F0135 120GB	120GB	V	
GIGABYTE	PCIE	Gen3 x2	2280	PCIe B / M	GP-GSM2NE8128GNTD	128GB	V	
GIGABYTE	PCIE	Gen3 x2	2280	PCIe B / M	GP-GSM2NE8256GNTD	256GB	V	
GIGABYTE	PCIE	Gen3 x2	2280	PCIe B / M	GP-GSM2NE8512GNTD	512GB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	AORUS RGB GP-ASM2NE2256GTTDR	256GB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	AORUS RGB GP-ASM2NE2512GTTDR	512GB	V	
GIGABYTE	PCIE	Gen4x4	2280	PCIe M	AORUS GP-ASM2NE6200TTD	2TB	V	
GIGABYTE	PCIE	Gen4x4	2280	PCIe M	AORUS GP-ASM2NE6100TTD	1TB	V	
GIGABYTE	PCIE	Gen4x4	2280	PCIe M	AORUS GP-ASM2NE6500GTTD	500GB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	GP-GSM2NE3100TNTD	1TB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	GP-GSM2NE3512GNTD	512GB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	GP-GSM2NE3256GNTD	256GB	V	
GIGABYTE	PCIE	Gen3x4	2280	PCIe M	GP-GSM2NE3128GNTD	128GB	V	
GLOWAY	PCIE	Gen3x4	2280	PCIe M	VAL VAL500NVME-M.2/80	500GB	V	
HP	PCIE	Gen3x4	2280	PCIe M	EX920 HBSE28011300068 256GB	256GB	V	
HIKVISION	PCIE	Gen3x4	2280	PCIe M	C2000 HS-SSD-C2000 256GB	256GB	V	
Intel	PCIE	Gen3x4	2280	PCIe M	600P SSDPEKKW128G7 128GB 2280 Gen3 x4	128GB	V	
Intel	PCIE	Gen3x4	2280	PCIe M	600P SSDPEKKW256G7 256GB 2280 Gen3 x4	256GB	V	
Intel	PCIE	Gen3x4	2280	PCIe M	600P SSDPEKKW512G7 512GB 2280 Gen3 x4	512GB	V	
Intel	PCIE	Gen3x4	2280	PCIe M	760P SSDPEKKW010TB 1TB 2280 Gen3 x4	1TB	V	
Intel	PCIE	Gen3 x2	2280	PCIe B / M	OPTANE MEMORY M10 MEMPEK1W032GA	32GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe B / M	OPTANE MEMORY M10 MEMPEK1W016GA	16GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe B / M	Optane Memory series MEMPEK1W032GA	32GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe M	Optane Memory H10 With SSD HBRPEKNX0101A	16GB/256GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe M	Optane Memory H10 With SSD HBRPEKNX0202A	32GB/512GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe M	Optane Memory H10 With SSD HBRPEKNX0203A	32GB/1024GB	V	
Intel	PCIE	Gen3 x4	22110	PCIe M	OPTANE 905P SSDPEL1D380GAX1 380GB	380GB	V	
Intel	PCIE	Gen3 x2	2280	PCIe M	OPTANE 800P SSDPEK1W060GA	58G	V	
Intel	PCIE	Gen3 x4	2280	PCIe M	SSD 760P SSDPEKKW256G8	256GB	V	
Intel	PCIE	Gen3 x4	2280	PCIe M	SSD 660P SSDPEKNW512GB	512GB	V	
Kingston	PCIE	Gen3x4	2280	PCIe M	SKC1000 NVMe SKC1000/240GB	240GB	V	
Kingston	PCIE	Gen3x4	2280	PCIe M	SKC1000 NVMe SKC1000/480GB	480GB	V	
Kingston	PCIE	Gen3x4	2280	PCIe M	SKC1000 NVMe SKC1000/960GB	960GB	V	
Kingston	PCIE	Gen3x2	2280	PCIe B / M	A1000 SA1000M8/240GB	240GB	V	
Kingston	PCIE	Gen3x2	2280	PCIe B / M	A1000 SA1000M8/480GB	480GB	V	
Kingston	PCIE	Gen3x2	2280	PCIe B / M	A1000 SA1000M8/960GB	960GB	V	
Plextor	PCIE	Gen3x4	2280	PCIe M	M8Se PX-1TM8SeGN-1TB 2280 Gen3 x4(3.5A)	1TB	V	
Plextor	PCIE	Gen3x4	2280	PCIe M	M8Se PX-256M8SeGN-256GB 2280 Gen3 x4 (2.0A)	256GB	V	
Plextor	PCIE	Gen3x4	2280	PCIe M	M9Pe PX-1TM9PeGN-1TB	1TB	V	
Plextor	PCIE	Gen3x4	2280	PCIe M	M9Pe PX-512M9PeGN-512GB	512GB	V	
Plextor	PCIE	Gen3x4	2280	PCIe M	M9Pe PX-256M9PeGN-256GB	256GB	V	
PHISON	PCIE	Gen3x2	2280	PCIe B / M	PS5008-E8-10 240GB	240GB	V	
Samsung	PCIE	Gen3x4	2280	PCIe M	SM950 Pro MZ-V5P512BW	512GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	SM951 MZ-VPV1280	128GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	SM951 MZ-VPV2560	256GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	SM951 MZ-VPV5120	512GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	SM961 MZ-VKW1T00 1TB 2280 Gen3 x4	1TB	V	
Samsung	PCIE	Gen3x4	2280	PCIe M	PM981 MZ-VLB5120 512GB	512GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	960PRO MZ-V6P1T0BW 1TB 2280 Gen3 x4	1TB	V	V

Samsung	PCIE	Gen3x4	2280	PCIe M	960PRO MZ-V6P512BW 512GB 2280 Gen3 x4	512GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	960PRO MZ-V6P2T0BW 2TBGB 2280 Gen3 x4	2TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	960EVO MZ-V6E1T0BW 1TB 2280 Gen3 x4	1TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	960EVO MZ-V6E500BW 500GB 2280 Gen3 x4	500GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	960EVO MZ-V6E250BW 250GB 2280 Gen3 x4	250GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 PRO MZ-V7P1T0 1TB	1TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 PRO MZ-V7P512 512GB	512GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO MZ-V7E2T0 2TB	2TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO MZ-V7E1T0 1TB	1TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO MZ-V7E500 500GB	500GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO MZ-V7E250 250GB	250GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO Plus MZ-V7S250BW	250GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO Plus MZ-V7S500BW	500GB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO Plus MZ-V7S1T0BW	1TB	V	V
Samsung	PCIE	Gen3x4	2280	PCIe M	970 EVO Plus MZ-V7S2T0	2TB	V	V
Samsung	PCIE	Gen3x4	22110	PCIe M	983 DCT MZ-1LB960N	960GB	V	V
Seagate	PCIE	Gen3x4	2280	PCIe M	FireCuda510 ZP1000GM30001	1TB	V	
Seagate	PCIE	Gen3x4	2280	PCIe M	BarraCuda510 ZP512CM30011	512GB	V	
Seagate	PCIE	Gen3x4	2280	PCIe M	FireCuda510 ZP2000GM30001 2TB	2TB	V	
Seagate	PCIE	Gen3x4	2280	PCIe M	BarraCuda510 ZP256CM30011 256GB	256GB	V	
Team group	PCIE	Gen3x4	2280	PCIe M	P30 TM8FP2240G 240GB 2280 Gen3 x4	240GB	V	V
Team Group	PCIE	Gen3x2	2280	PCIe B / M	MP32 TM8FP3001T0C101	1TB	V	V
Team Group	PCIE	Gen3x2	2280	PCIe B / M	MP32 TM8FP3512G0C101	512GB	V	V
Team Group	PCIE	Gen3x2	2280	PCIe B / M	MP32 TM8FP3256G0C101	256GB	V	V
Team Group	PCIE	Gen3x2	2280	PCIe B / M	MP32 TM8FP3128G0C101	128GB	V	V
Team Group	PCIE	Gen3x4	2280	PCIe M	MP34 TM8FP4256G0C101	256GB	V	V
Team Group	PCIE	Gen3x4	2280	PCIe M	MP34 TM8FP4512G0C101	512GB	V	V
Team Group	PCIE	Gen3x4	2280	PCIe M	MP34 TM8FP4001T0C101	1TB	V	V
TOSHIBA	PCIE	Gen3x4	2280	PCIe M	XG3 THNSN5256GPU7 256GB	256GB	V	V
TOSHIBA OCZ	PCIE	Gen3x4	2280	PCIe M	RD400 RVD-M22280-512G 512GB 2280 Gen3 x4	512GB	V	
TOSHIBA OCZ	PCIE	Gen3x4	2280	PCIe M	RD400 RVD-M22280-256G 256GB 2280 Gen3 x4	256GB	V	
TOSHIBA OCZ	PCIE	Gen3x4	2280	PCIe M	RD400 RVD-M22280-256G 256GB 2280 Gen3 x4	256GB	V	
WD	PCIE	Gen3x2	2280	PCIe B / M	PC SN520 NVMe SDAPNUW-128G	128GB	V	
WD	PCIE	Gen3x2	2280	PCIe B / M	PC SN520 NVMe SDAPNUW-256G	256GB	V	
WD	PCIE	Gen3x2	2280	PCIe B / M	PC SN520 NVMe SDAPNUW-512G	512GB	V	
WD	PCIE	Gen3x2	2280	PCIe B / M	Blue SN500 NVMe WDS500G1B0C	500GB	V	
金泰克 Tigo	PCIE	Gen3x4	2280	PCIe M	P700 TPEGMJTBY4E256GCGD 256GB	256GB	V	
金泰克 Tigo	PCIE	Gen3x4	2280	PCIe M	NP800 SD480GBNP800C 480GB	480GB	V	
金泰克 Tigo	PCIE	Gen3x2	2280	PCIe B / M	tigo SSD 1TB	1TB	V	
金泰克 Tigo	PCIE	Gen3x2	2280	PCIe B / M	tigo SSD 512GB	512GB	V	
金泰克 Tigo	PCIE	Gen3x2	2280	PCIe B / M	tigo SSD 256GB	256GB	V	
影驰	PCIE	Gen3x4	2280	PCIe M	铁甲战将240 GALAX-SSDTNA240G 2280 Gen3 x4	240GB	V	
影驰	PCIE	Gen4x4	2280	PCIe M	HOF Pro 1TB GALAX-SSDHNA1000G	1TB	V	
阿斯加特	PCIE	Gen3x4	2280	PCIe M	AN Series AN256NVMe-M.2/80	256GB	V	
Tigo 金泰克	PCIE	Gen3x4	2280	PCIe M	P600 TPEGJTBL4B120G 120GB	120GB	V	
铭瑄MAXSUN	PCIE	Gen3x4	2280	PCIe M	复仇者 MS240GBNM6C	240GB	V	
创久魅	PCIE	Gen3x4	2280	PCIe M	MACE-2000 MC20240GBS6NB	240GB	V	
雷克沙 Lexar	PCIE	Gen3x4	2280	PCIe M	NM600 LNM600-480RB	480GB	V	
阿斯加特Asgard	PCIE	Gen3x4	2280	PCIe M	AN3 2TNVMe-M.2/80	2TB	V	