

Brand	Model	Interface	Form Factor	Capacities	Controller	Configuration	DRAM	HMB	NAND Brand	NAND Type	Layers	R/W (Up to, in MB/s)	Categories	Notes (*)	Product Page	Product Page 2
Acer	SA100	SATA/AHCI	2.5"	120GB-1.92TB	Maxio MAS0902A	Dual-core, 4-Ch, 8-CE/ch	No	N/A		TLC		560/500	Storage SATA, Light SATA		Acer SA100	
Acer	FA100	x4 PCIe 3.0/NVMe	M.2	128GB-2TB								3300/2700			Acer FA100	
Acer	GM7000 (Predator)	x4 PCIe 4.0/NVMe	M.2	512GB-2TB	InnoGrit IG5236	Eight-channel	Yes	No	Micron	TLC		7400/6400	Prosumer NVMe		Acer GM7000 Predator	
ADATA	ATOM 30	x4 PCIe 3.0/NVMe	M.2	250GB-1TB								2500/2000	Budget NVMe		ADATA ATOM 30	
ADATA	ATOM 40	x4 PCIe 4.0/NVMe	M.2	512GB-1TB								3500/3000	Consumer NVMe		ADATA ATOM 40	
ADATA	ATOM 50	x4 PCIe 4.0/NVMe	M.2	512GB-1TB	InnoGrit IG5220		No	Yes	Micron	TLC	176L	5000/4500	Moderate NVMe		ADATA ATOM 50	
ADATA	Falcon	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Realtek RTS5762DL	Dual-core, 8-ch, 4-CE/ch	No	Yes	Micron	TLC	96	3100/1500	Budget NVMe		ADATA Falcon	
ADATA	Legend 740	x4 PCIe 3.0/NVMe	M.2	250GB-1TB								2500/2000	Budget NVMe		ADATA Legend 740	
ADATA	Legend 750	x4 PCIe 3.0/NVMe	M.2	500GB-1TB								3500/3000	Consumer NVMe		ADATA Legend 750	
ADATA	Legend 840	x4 PCIe 4.0/NVMe	M.2	512GB-1TB	InnoGrit IG5220		No	Yes		TLC		5000/4500	Moderate NVMe		ADATA Legend 840	
ADATA	Project Blackbird	x4 PCIe 5.0/NVMe	M.2		InnoGrit IG5666											
ADATA	Project Nightbird	x4 PCIe 5.0/NVMe	M.2		SMI SM2508											
ADATA	S20G	x4 PCIe 3.0/NVMe	M.2	500GB-1TB	Realtek RTS5763DL	Dual-core, 4-ch, 8-CE/ch	No	Yes		TLC		2500/1800	Budget NVMe		ADATA S20G	
ADATA	S40G	x4 PCIe 3.0/NVMe	M.2	256GB-4TB	Realtek RTS5762	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64/96	3500/3000	Moderate NVMe	Heatsink + RGB; SX8100 Alt. (4TB QLC)	ADATA S40G	
ADATA	S50	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe	Heatsink	ADATA S50	
ADATA	S50 Lite	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	SMI SM2267	DC (28nm R5), 4-ch, 8-CE/ch	Yes	No	Micron	TLC	96	3900/3200	Consumer NVMe	Budget Gen4	ADATA S50 Lite	
ADATA	S70/S70 Blade	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	InnoGrit IG5236	Eight-channel	Yes	No		TLC	96	7400/6400	Prosumer NVMe	176L change	GAMMIX S70	ADATA S70 Blade
ADATA	SC680	USB 3.2 Gen 2x1	USB-C	240GB-2TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC/QLC	64	530/460	Storage SATA, Light SATA	Portable	ADATA SC680	
ADATA	SD600Q	USB 3.2 Gen 1x1	USB-A	240GB-960GB	Maxio MAS0902A	Dual-core, 4-Ch, 8-CE/ch	No	N/A	Micron	QLC	64	440/430	Storage SATA	Portable	ADATA SD600Q	
ADATA	SD700	USB 3.2 Gen 1x1	USB-A	256GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	440/430	Storage SATA	Portable	ADATA SD700	
ADATA	SE760	USB 3.2 Gen 2x1	USB-C	256GB-1TB	Realtek RTS5763DL	Dual-core, 4-ch, 8-CE/ch	No	Yes	Micron	TLC	64	1000/1000	Budget NVMe	Portable	ADATA SE760	
ADATA	SE800	USB 3.2 Gen 2x1	USB-C	512GB-1TB	InnoGrit IG5208	4-ch	No	Yes	Micron	TLC	64	1000/1000	Budget NVMe	Portable	ADATA SE800	
ADATA	SE900G	USB 3.2 Gen 2x2	USB-C	512GB-2TB								2000/2000	Budget NVMe	Portable	ADATA SE900G	
ADATA	SE920	USB 4	USB-C													
ADATA	SU630/SU635	SATA/AHCI	2.5"	240GB-960GB	Maxio MAS0902A	Dual-core, 4-Ch, 8-CE/ch	No	N/A	Micron	QLC	64	520/450	Storage SATA		ADATA SU630	
ADATA	SU650/SU655	SATA/AHCI	2.5"	60GB-960GB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	32/64	520/450	Storage SATA, Light SATA	Change: Samsung 64L	ADATA SU650	
ADATA	SU720	SATA/AHCI	2.5"	500GB-2TB			No	N/A	Micron	QLC		520/450	Storage SATA		ADATA SU720	
ADATA	SU740	SATA/AHCI	2.5"	500GB-2TB			No	N/A	Micron	QLC		520/450	Storage SATA		ADATA SU740	
ADATA	SU750/SU760	SATA/AHCI	2.5"	256GB-1TB	Realtek RTS5733DMO	2-ch	No	N/A	Micron	TLC	64	550/520	Storage SATA, Light SATA		ADATA SU750	ADATA SU760
ADATA	SU800/SX850	SATA/AHCI	2.5" & M.2 (1TB)	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	560/520	Budget SATA		Change: Samsung 64L	ADATA SU800	
ADATA	Swordfish	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	Realtek RTS5763DL	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	96	1800/1200	Budget NVMe		ADATA Swordfish	
ADATA	SX950U	SATA/AHCI	2.5"	120GB-960GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	560/520	Budget SATA	<=240GB SKU uses 32L NAND	ADATA SX950U	
ADATA	SX6000	x2 PCIe 2.0/NVMe	M.2	128GB-1TB	Realtek RTS5760	Dual-core, 4-ch, 8-CE/ch	Yes	Yes	Micron	TLC	32	1000/800	Garbage	Overheats, Obsolete	ADATA XPG SX6000	
ADATA	SX6000 Lite	x4 PCIe 3.0/NVMe	M.2	128GB-1TB	Realtek RTS5763DL	Dual-core, 4-ch, 8-CE/ch	No	Yes	Micron	TLC	64	1700/1100	Budget NVMe		ADATA XPG SX6000 Lite	
ADATA	SX6000 Pro/S5	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Realtek RTS5763DL	Dual-core, 4-ch, 8-CE/ch	No	Yes	Micron	TLC	64	2100/1500	Budget NVMe	S5 heatsink	ADATA SX6000 Pro	ADATA XPG GAMMIX S5
ADATA	SX8100/S7	x4 PCIe 3.0/NVMe	M.2	512GB-4TB	Realtek RTS5762	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64/96	3500/3000	Moderate NVMe	Small DRAM; Samsung 64L; QLC at 4TB	ADATA SX8100	ADATA GAMMIX S7
ADATA	SX8200/S11	x4 PCIe 3.0/NVMe	M.2	240GB-960GB	SMI SM2262	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3200/1700	Consumer NVMe		ADATA SX8200	ADATA S11
ADATA	SX8200 Pro/S11 Pro	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3500/3000	Consumer NVMe	S11 Heatsink	ADATA SX8200 Pro	ADATA XPG GAMMIX S11 Pro
ADATA	SX8800	x4 PCIe 3.0/NVMe	M.2	512GB-1TB	Realtek RTS5762	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64/96	3500/2700	Moderate NVMe	Single-sided	ADATA SX8800	
ADATA	XPG Indigo	x4 PCIe 4.0/NVMe	M.2	Up to 4TB	SMI SM2264	QC (12nm R8), 8-ch, 8-CE/ch	Yes	No				7000/6000				
ADATA	XPG Pearl	x4 PCIe 4.0/NVMe	M.2	Up to 4TB	SMI SM2267	DC (28nm R5), 4-ch, 8-CE/ch	Yes	No				4000/3000				
ADATA	XPG Sage	x4 PCIe 4.0/NVMe	M.2	Up to 4TB	InnoGrit IG5236	Eight-channel	Yes	No			96	7000/6100				
Addlink	A90	x4 PCIe 4.0/NVMe	M.2	1TB-2TB								5000/4400			Addlink A90	
Addlink	A92	x4 PCIe 4.0/NVMe	M.2	1TB-4TB								4900/3600			Addlink A92	
Addlink	A95	x4 PCIe 4.0/NVMe	M.2	1TB-4TB								7400/7000			Addlink A95	
Addlink	S20	SATA/AHCI	2.5"	256GB-1TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	530/500	Budget SATA		Addlink S20	
Addlink	S20M	SATA/AHCI	2.5"	256GB-1TB	Maxio MAS080X	N/A	No	N/A		TLC	96	550/500	Storage SATA, Light SATA			
Addlink	S22	SATA/AHCI	2.5"	512GB-2TB	Phison S11T	Single-core, 2-ch, 8-CE/ch	No	N/A	Intel	QLC	64	550/500	Storage SATA		Addlink S22	
Addlink	S68	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Micron	TLC	96	2500/2100	Budget NVMe	5-yr	Addlink S68	
Addlink	S70	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe		Addlink S70	
Addlink	S90	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		Addlink S90	
Addlink	S92	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	QLC	96	4900/3600	Prosumer NVMe		Addlink S92	
Addlink	S95	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7100/6800	Prosumer NVMe	176L eventually	Addlink S95	
Addlink	X70	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/2500	Consumer NVMe	Heatsink + RGB	Addlink X70	
Apacer	AS2280P2	x2 PCIe 3.0/NVMe	M.2	120GB-480GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1580/950	Budget NVMe	Obsolete	Apacer AS2280P2	
Apacer	AS2280P2 Pro	x2 PCIe 3.0/NVMe	M.2	120GB-480GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1580/950	Budget NVMe	Obsolete	Apacer AS2280P2	
Apacer	AS2280P4U	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		TLC		3500/3000	Consumer NVMe		Apacer AS2280P4U	
Apacer	AS2280P4U Pro	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		TLC		3500/3000	Consumer NVMe		Apacer AS2280P4U Pro	
Apacer	AS2280Q4	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		TLC		5000/4400	Prosumer NVMe		Apacer AS2280Q4	
Apacer	AS340	SATA/AHCI	2.5"	120GB-960GB								550/520			Apacer AS340	
Apacer	AS340X	SATA/AHCI	2.5"	120GB-960GB								550/520			Apacer AS340X	
Apacer	AS350X	SATA/AHCI	2.5"	120GB-1TB								560/540			Apacer AS350	
Apacer	AS350X	SATA/AHCI	2.5"	128GB-1TB								560/540			Apacer AS350X	
Asgard	AN1/AN2	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2000/1600	Budget NVMe	AN1: heatsink	Asgard AN2	
Asgard	AN3	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3300/3000	Consumer NVMe		Asgard AN3	
Asgard	AN3+	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	Starblaze STAR1000P	Quad-core, 8-ch, 4-CE/ch	Yes	No		TLC	64	3500/3000	Consumer NVMe		Asgard AN3+	
Asgard	AN4	x4 PCIe 4.0/NVMe	M.2	512GB-2TB	InnoGrit IG5236	Eight-channel	Yes	N/A	YMTC	TLC	128	7500/5500	Prosumer NVMe			
Asura	Genesis Xtreme	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3500/3000	Consumer NVMe	RGB + Heatsink, 7-yr	Asura Genesis Xtreme	
Biostar	M700	x4 PCIe 3.0/NVMe	M.2	256GB-512GB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2000/1600	Budget NVMe		Biostar M700	
Biostar	P500	USB 3.2 Gen 2x1	USB-C									1000/900	Budget NVMe	Portable	Biostar P500	
Biostar	S160	SATA/AHCI	2.5"	256GB-512GB								550/510			Biostar S160	
Buffalo	SSD-PSMU3	USB 3.2 Gen 1x1	USB-C	120GB-960GB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	430/430	Budget SATA	Portable	Buffalo SSD-PSMU3	
Colorful	CN600	x4 PCIe 3.0/NVMe	M.2	128GB-512GB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2000/1600	Budget NVMe		Colorful CN600	
Colorful	SL500	SATA/AHCI	2.5"	240GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Intel	TLC	32	500+/400+	Storage SATA, Light SATA		Colorful SL500	
Corsair	MP300	x2 PCIe 3.0/NVMe	M.2	120GB-960GB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1600/1080	Budget NVMe		Corsair MP300	
Corsair	MP400	x4 PCIe 3.0/NVMe	M.2	1TB-8TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Intel	QLC	96	3400/3000	Moderate NVMe		Corsair MP400	

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Corsair	MP510	x4 PCIe 3.0/NVMe	M.2	240GB-4TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3480/3000	Consumer NVMe		Corsair MP510	
Corsair	MP600	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4950/4250	Prosumer NVMe	Heatsink	Corsair MP600	
Corsair	MP600 CORE	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	4950/3950	Prosumer NVMe		Corsair MP600 CORE	
Corsair	MP600 PRO	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe	Water-cooled	Corsair MP600 PRO	
Corsair	MP600 Pro Hydro X	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe		Corsair MP600 Pro Hydro X	
Corsair	MP600 Pro LPX	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch						7100/6800	Prosumer NVMe		Corsair MP600 LPX	
Corsair	MP600 PRO XT	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	176	7300/6900	Prosumer NVMe	Heatsink	MP600 PRO XT	
Corsair	MP600 PRO XT Hydro X	x4 PCIe 4.0/NVMe	M.2	2TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7100/6800	Prosumer NVMe	Water-cooled	Corsair MP600 XT Hydro X	
Crucial	BX500	SATA/AHCI	2.5"	120GB-2TB	SMI SM2258/59XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC/QLC	64/96	540/500	Storage SATA, Light SATA	1/2TB: SM2259XT + 96L QLC	Crucial BX500	
Crucial	MX300	SATA/AHCI	2.5" & M.2 (1TB)	256GB-2TB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32	530/500	Budget SATA		Crucial MX300	
Crucial	MX500	SATA/AHCI	2.5" & M.2 (1TB)	250GB-2TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64/96	550/510	Performance SATA	Transition to 96L SM2259	Crucial MX500	
Crucial	P1	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	No	Micron	QLC	64	2000/1700	Budget NVMe	Double-sided at 2TB	Crucial P1	
Crucial	P2	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Micron	TLC/QLC	96	2400/1900	Budget NVMe	QLC at 500GB+	Crucial P2	
Crucial	P5	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	Micron DM01B2	Dual-core R5 + M3, 8-ch	Yes	No	Micron	TLC	96	3400/3000	Consumer NVMe		Crucial P5	
Crucial	P5 Plus	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Micron DM02A1		Yes	No	Micron	TLC	176	6600/5000	Prosumer NVMe		Crucial P5 Plus	
Digifast	Ace	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3470/3000	Consumer NVMe		Digifast Ace	
Drevo	D1 Xtreme	x4 PCIe 3.0/NVMe	M.2	256GB-512GB	SMI SM2262	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3200/3150	Consumer NVMe		Drevo D1 Xtreme	
Drevo	X1 Pro	SATA/AHCI	2.5"	64GB-1TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	32/64	570/470	Storage SATA, Light SATA	Change: Samsung 64L	Drevo X1 Pro	
Essencore	ECT455	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4800/4000	Prosumer NVMe			
Foreseee	P800	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Marvell 88SS1092	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Longsys	TLC		3200/1900	Consumer NVMe			
Galax	HOF	x4 PCIe 3.0/NVMe	M.2 & AIC	512GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe	Heatsink; AIC has RGB	Galax HOF	
Galax	HOF 4.0	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4800/4000	Prosumer NVMe	Heatsink	Galax HOF 4.0	
Galax	HOF 4.0 Extreme	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe			
Gigabyte	Aorus	x4 PCIe 3.0/NVMe	M.2 (512GB) & AIC	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3480/2000	Consumer NVMe	RGB & Heatsink	Gigabyte Aorus NVMe	Gigabyte Aorus NVMe AIC
Gigabyte	Gen4 Aorus	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe	DS Heatsink	Aorus Gen4	
Gigabyte	Gen4 Aorus v2/Premium	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe	HS	AORUS Gen4	
Gigabyte	M30	x4 PCIe 3.0/NVMe	M.2	512GB-1TB			Yes	N/A		TLC		3500/3000	Consumer NVMe		Gigabyte M30	
Gigabyte	NVMe	x2 PCIe 3.0/NVMe	M.2	128GB-512GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1550/850	Budget NVMe		Gigabyte NVMe	
Gigabyte	NVMe v2	x4 PCIe 3.0/NVMe	M.2	128GB-1TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	2500/2100	Budget NVMe	5-yr	Gigabyte NVMe v2	
Gigabyte	SSD	SATA/AHCI	2.5"	120GB-1TB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	550/500	Storage SATA, Light SATA		Gigabyte SSD	
Gigabyte	UD Pro	SATA/AHCI	2.5"	256GB-512GB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	530/500	Budget SATA	S12: 96L; 256MB DRAM	Gigabyte UD Pro	
Gigabyte	Vision Drive	USB 3.2 Gen2x1	USB-C	1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No				2000/2000	Consumer NVMe	Portable	Gigabyte Vision Drive	
Goodram	IRDM Ultimate X	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4500	Prosumer NVMe	Heatsink	Goodram IRDM Ultimate X	
Goodram	PX500	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2050/1650	Budget NVMe		Goodram PX500	
Greenliant	ArmourDrive	x4 PCIe 3.0/NVMe	M.2	128GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes				2500/2100	Budget NVMe		Greenliant ArmourDrive	
HIKVision	C2000	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3500/3000	Consumer NVMe	Heatsink	HIKVision C/E2000	
HP	EX900	x4 PCIe 3.0/NVMe	M.2	120GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2100/1500	Budget NVMe		HP EX900	
HP	EX900 Pro	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	N/A		TLC		2095/1965	Budget NVMe		HP EX900 Pro	
HP	EX920	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2262	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3200/1800	Consumer NVMe		HP EX920	
HP	EX950	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3500/2900	Consumer NVMe		HP EX950	
HP	M700	SATA/AHCI	2.5" & M.2	120GB-240GB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Samsung	MLC	N/A	560/520	Light SATA, Budget SATA		HP M700	
HP	P500	USB 3.2 Gen 1x1	USB-C	120GB-500GB	SMI SM3350	N/A	No	N/A	Samsung	TLC		380/200	Storage SATA		HP P500	
HP	P600	USB 3.2 Gen 2x1	USB-C	250GB-1TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	560/500	Storage SATA, Light SATA	Portable	HP P600	
HP	P700	USB 3.2 Gen 2x1	USB-C	256GB-1TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	1000/1000	Budget NVMe	Portable	HP P700	
HP	P800	Thunderbolt 3	USB-C	256GB-1TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2400/1200	Budget NVMe	Portable	HP P800	
HP	S600	SATA/AHCI	2.5"	120GB-240GB	Marvell 88NV1120	Dual-core, 2-ch, 4-CE/ch	No	N/A	Micron	TLC	64	520/500	Garbage		HP S600	
HP	S700	SATA/AHCI	2.5" & M.2	120GB-500GB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	32/64	560/515	Light SATA	Change: Samsung 64L	HP S700	
HP	S700 Pro	SATA/AHCI	2.5" & M.2 (512GB)	128GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	570/525	Budget SATA	Change: Samsung 64L	HP S700 Pro	
HP	S750	SATA/AHCI	2.5"	256GB-1TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	96	560/520	Storage SATA, Light SATA		HP S750	
Hynix	Gold P31	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Cephelus		Yes	No	Hynix	TLC	128	3500/3200	Consumer NVMe		Hynix Gold P31	
Hynix	Gold S31	SATA/AHCI	2.5"	250GB-1TB	Quartz/SH87830CC	Dual-core, 8-ch, 4-CE/ch	Yes	N/A	Hynix	TLC	72	560/525	Budget SATA	512Gb TLC; Borderline Perf.	SK Hynix Gold S31	
Hynix	Platinum P31	x4 PCIe 3.0/NVMe	M.2	2TB	Cephelus		Yes	No	Hynix	TLC	128	3500/3200	Consumer NVMe			
Hynix	Platinum P41	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Aries		Yes	No	Hynix	TLC	176	7000/6500	Prosumer NVMe			
Hyundai	Sapphire	SATA/AHCI	2.5"	120GB-480GB	Marvell 88NV1120	Dual-core, 2-ch, 4-CE/ch	No	N/A	Micron	TLC	32	500/300	Secondary		Hyundai Sapphire	
I-O Data	SSPH-UT	USB 3.2 Gen 1x1	USB-A	250GB-1TB								350/300	Storage SATA	Portable; Japan	I-O Data SSPH-UT	
Inland	Basic	x2 PCIe 3.0/NVMe	M.2	256GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1100/600	Budget NVMe			
Inland	Performance	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4300	Prosumer NVMe	Heatsink		
Inland	Performance Plus	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe			
Inland	Platinum	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	3400/3000	Moderate NVMe	256MB of DRAM		
Inland	Premium (NVMe)	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3100/2900	Consumer NVMe	3-yr		
Inland	Prime	x4 PCIe 3.0/NVMe	M.2	1TB	Phison E15T	Single-core R5 + CoX, 4-ch, 8-CE/ch	No	Yes		TLC		3300/3000	Consumer NVMe			
Inland	Pro QLC (NVMe)	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	QLC	96	2000/1900	Budget NVMe	2TB ideal		
Inland	Premium (SATA)	SATA/AHCI	2.5"	256GB-1TB								510/470	Storage SATA			
Inland	Pro. (NVMe)	x2 PCIe 3.0/NVMe	M.2	128GB-1TB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1550/1000	Budget NVMe	Switched to E13T + QLC		
Inland	Pro. (SATA)	SATA/AHCI	2.5"	120GB-1TB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	500/470	Light SATA, Storage SATA	Transition to QLC		
Intel	545s	SATA/AHCI	2.5" & M.2 (256GB)	256GB-1TB	SMI SM2259	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Intel	TLC	64	550/500	Performance SATA		Intel 545s	
Intel	660p	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	No	Intel	QLC	64	1800/1800	Budget NVMe	Best at 1TB+; 256MB of DRAM	Intel 660p	
Intel	665p	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	No	Intel	QLC	96	2000/2000	Budget NVMe	Best at 1TB+; 256MB of DRAM	Intel 665p	
Intel	670p	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	SMI SM2265	Dual-core R5, 4-ch, 4-CE/ch	Yes	No	Intel	QLC	144	3500/2700	Moderate NVMe	Best at 1TB+; 256MB of DRAM	Intel 670p	
Intel	760p	x4 PCIe 3.0/NVMe	M.2	128GB-2TB	SMI SM2262	Dual-core, 8-ch, 4-CE/ch	Yes	No	Intel	TLC	64	3230/1625	Consumer NVMe	Single-sided up to 1TB	Intel 760p	
KingDian	S280	SATA/AHCI	2.5"	120GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Intel	TLC	32/64	560/420	Budget SATA	Change: Samsung 64L	KingDian S280	
KingDian	S400	SATA/AHCI	2.5"	120GB-480GB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Intel	TLC	32	530/450	Storage SATA, Light SATA		KingDian S400	
KingMax	PQ4480	x4 PCIe 4.0/NVMe	M.2	250GB-1TB								3600/3000			KingMax PQ4480	
KingMax	PX3480	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3400	Consumer NVMe		KingMax PX3480	
KingMax	PX4480	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		KingMax PX4480	
KingMax	SMV	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	500/500	Light SATA, Storage SATA		KingMax SMV	

Brand	Model	Interface	Form Factor	Capacities	Controller	Configuration	DRAM	HMB	NAND Brand	NAND Type	Layers	R/W (Up to, in MB/s)	Categories	Notes (*)	Product Page	Product Page 2
Kingston	A1000	x2 PCIe 3.0/NVMe	M.2	240GB-960GB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1500/1000	Budget NVMe		Kingston A1000	
Kingston	A400	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	32+	500/450	Storage SATA, Light SATA	QLC/SMI at higher cap.	Kingston A400	
Kingston	A2000	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	No	Micron	TLC	64/96	2200/2000	Budget NVMe		Kingston A2000	
Kingston	Fury Renegade	x4 PCIe 4.0/NVMe	M.2	500GB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	176	7300/7000	Prosumer NVMe		Kingston Fury Renegade	
Kingston	Ghost Tree	x4 PCIe 4.0/NVMe	M.2	1TB-4TB								7000/7000				
Kingston	Grandview E5	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Marvell Whistler Plus	4-ch										
Kingston	HyperX RGB	SATA/AHCI	2.5"	120GB-960GB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	520/500	Garbage	Overheats due to LEDs	Kingston HyperX Fury RGB SSD	
Kingston	KC600	SATA/AHCI	2.5"	256GB-2TB	SMI SM2259	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	96	550/520	Performance SATA		Kingston KC600	
Kingston	KC2000	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	3200/2200	Consumer NVMe		Kingston KC2000	
Kingston	KC2500	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	3500/2900	Consumer NVMe		Kingston KC2500	
Kingston	KC3000	x4 PCIe 4.0/NVMe	M.2	512GB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	176	7000/7000	Prosumer NVMe		Kingston KC3000	
Kingston	NV1	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes		TLC/QLC		2100/1700	Budget NVMe	Optionally E13T; QLC at 1-2TB	Kingston NV1	
Kingston	Q500	SATA/AHCI	2.5"	120GB-960GB	Phison S11T/S13T	Single-core, 2-ch, 8-CE/ch	No	N/A	Micron	TLC	64	500/450	Storage SATA, Light SATA		Kingston Q500	
Kingston	Seccos E5	x4 PCIe 3.0/NVMe	M.2	250GB-2TB		8-ch						3500/3000				
Kingston	UV500	SATA/AHCI	2.5" & M.2 (960GB)	120GB-1920GB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	520/500	Budget SATA		Kingston UV500	
Kingston	XS2000	USB 3.2 Gen 2x2	USB-C	500GB-2TB	SMI SM2320	Hybrid	No		Micron	TLC	96	2000/2000	Budget NVMe	Portable	Kingston XS2000	
KingSpec	P4	SATA/AHCI	2.5"	120GB-480GB	Maxio MAS0902A	Dual-core, 4-Ch, 8-CE/ch	No	N/A	Intel	QLC	64	560/520	Storage SATA		KingSpec P4	
Kioxia	Exceria	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	Phison E12C	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	96	1700/1600	Budget NVMe		Kioxia Exceria	
Kioxia	Exceria Plus	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	96	3400/3200	Consumer NVMe		Kioxia Exceria Plus	
Kioxia	Exceria SATA	SATA/AHCI	2.5"	240GB-960GB	Phison S11T	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	96	555/540	Storage SATA, Light SATA		Kioxia Exceria SATA	
KLEVV	CRAS C700/RGB	x4 PCIe 3.0/NVMe	M.2	120GB-480GB	SMI SM2263	Dual-core, 4-ch, 4-CE/ch	Yes	No	Hynix	TLC	72	1500/1300	Budget NVMe	Regular and RGB SKUs	KleVV C700 RGB	
KLEVV	CRAS C710	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2100/1650	Budget NVMe		CRAS C710	
KLEVV	CRAS C720	x4 PCIe 4.0/NVMe	M.2	256GB-2TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		TLC	96	7000/6850	Prosumer NVMe		KleVV CRAS C720	
KLEVV	CRAS C920	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A		TLC	96	3400/3200	Consumer NVMe		KleVV CRAS C920	
KLEVV	NEO N610	SATA/AHCI	2.5"	256GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A		TLC		560/520	Performance SATA		KleVV NEO N610	
LaCie	Portable SSD	USB 3.2 Gen 2x1	USB-C	500GB-2TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	540/?	Budget SATA	Portable	LaCie Portable SSD	
LaCie	Rugged BOSS	USB 3.1 Gen2	USB-C	1TB								430/430		Portable	LaCie Rugged Boss	
LaCie	Rugged SSD	USB 3.2 Gen 2x1	USB-C	500GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	950/950	Budget NVMe	Portable	LaCie Rugged SSD	
LaCie	Rugged SSD Pro	Thunderbolt 3	USB-C	1TB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	2800/2800	Consumer NVMe	Portable; Titan Ridge	LaCie Rugged SSD Pro	
Lexar	NS100	SATA/AHCI	2.5"	240GB-480GB	Marvell 88NV1120	Dual-core, 2-ch, 4-CE/ch	No	N/A	Micron	TLC	64	550/520	Light SATA, Storage SATA		Lexar NS100	
Lexar	NS200	SATA/AHCI	2.5"	240GB-960GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	550/510	Performance SATA		Lexar NS200	
Lexar	NM210	SATA/AHCI	M.2	128GB-512GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	550/510	Performance SATA		Lexar NM210	
Lexar	NM500	x2 PCIe 3.0/NVMe	M.2	128GB-512GB	Marvell 88NV1160	Dual-core, 4-ch, 4-CE/ch	No	Yes	Toshiba	TLC	64	1650/1000	Budget NVMe		Lexar NM500	
Lexar	NM520	x2 PCIe 3.0/NVMe	M.2	128GB-512GB			No	Yes				1650/1000	Budget NVMe	2242 FF	Lexar NM520	
Lexar	NM600	x4 PCIe 3.0/NVMe	M.2	240GB-480GB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2100/1600	Budget NVMe		Lexar NM600	
Lexar	NM610	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2100/1600	Budget NVMe		Lexar NM610	
Lexar	NM620	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Innogrit IG5216		No	Yes	Micron	TLC	96	3300/3000	Budget NVMe		Lexar NM620	
Lexar	NM700	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Marvell 88SS1092	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Toshiba	TLC	96	3500/2000	Consumer NVMe		Lexar NM700	
Lexar	NM800	x4 PCIe 4.0/NVMe	M.2	512GB-1TB	InnoGrit IG5236		Yes	N/A		TLC		7400/5800	Prosumer NVMe		Lexar NM800	
Lexar	NQ100	SATA/AHCI	2.5"	240GB-960GB	Marvell 88NV1120	Dual-core, 2-ch, 4-CE/ch	No	N/A	Micron	TLC	96	550/?	Light SATA, Storage SATA		Lexar NQ100	
Lexar	SL100 Pro	USB 3.2 Gen 2x1	USB-C	250GB-1TB	Marvell 88NV1160	Dual-core, 4-ch, 4-CE/chj	No	Yes	Unknown	TLC	64	950/900	Budget NVMe	Portable	Lexar SL100 Pro	
Lexar	SL200	USB 3.2 Gen 2x1	USB-C	512GB-2TB	Marvell 88NV1120	Dual-core, 2-ch, 4-CE/ch	No	N/A	Micron	TLC	64	550/400	Storage SATA	Portable	Lexar SL200	
Mastor	Z1	SATA/AHCI	2.5"	240GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	540/475	Storage SATA, Light SATA		Mastor Z1	
MDSSD	BPX Pro	x4 PCIe 3.0/NVMe	M.2	240GB-960GB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3100	Consumer NVMe		MDSSD BPX Pro	
MDSSD	SBX	x2 PCIe 3.0/NVMe	M.2	128GB-1TB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1600/1300	Budget NVMe		MDSSD SBX	
MDSSD	SBXe	x2 PCIe 3.0/NVMe	M.2	120GB-480GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1600/1000	Budget NVMe	2242 & 2280	MDSSD SBXe	
MDSSD	SBXe (2nd Gen)	x4 PCIe 3.0/NVMe	M.2	120GB-960GB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	2500/2100	Budget NVMe		MDSSD SBXe v2	
Micron	1100	SATA/AHCI	2.5" & M.2 (1TB)	275GB-2TB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32	530/500	Budget SATA		Micron 1100	
Micron	1300	SATA/AHCI	2.5" & M.2 (1TB)	256GB-2TB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	96	530/520	Performance SATA		Micron 1300	
MSI	E26 (Spatium)	x4 PCIe 4.0/NVMe	M.2													
MSI	Lightning	x4 PCIe 4.0/NVMe	M.2	?	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe			
MSI	M370	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes				2400/1850	Budget NVMe		MSI Spatium M370	
MSI	M371	x4 PCIe 3.0/NVMe	M.2	1TB-2TB								2000/1800	Budget NVMe			
MSI	M372	x4 PCIe 3.0/NVMe	M.2	256GB-1TB								2400/2000	Budget NVMe		MSI M372	
MSI	M390	x4 PCIe 3.0/NVMe	M.2	500GB-1TB	Phison E15T	Single-core R5 + CoX, 4-ch, 8-CE/ch	No	Yes	Micron	TLC	176	3300/3000			MSI Spatium M390	
MSI	M470	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		TLC		5000/4400	Prosumer NVMe		MSI Spatium M470	
MSI	M471	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		QLC		4850/3600	Prosumer NVMe		MSI Spatium M471	
MSI	M480	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A				7000/6850	Prosumer NVMe		MSI Spatium M480	
Mushkin	Alpha	x4 PCIe 3.0/NVMe	M.2	4TB-8TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	3300/3000	Moderate NVMe		Mushkin Alpha	
Mushkin	CarbonX	USB 3.2 Gen 2x1	USB-C	500GB-2TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	N/A				1020/1000	Budget NVMe	Portable		
Mushkin	DELTA	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		QLC		4975/3975	Prosumer NVMe		Mushkin Delta	
Mushkin	EON	x4 PCIe 4.0/NVMe	M.2	500GB-4TB	SMI SM2267	DC (28nm R5), 4-ch, 8-CE/ch	Yes	No				4000/3000				
Mushkin	EON Pro	x4 PCIe 4.0/NVMe	M.2	Up to 16TB	SMI SM2264	QC (12nm R8), 8-ch, 8-CE/ch	Yes	No				6400/3900				
Mushkin	GAMMA	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7175/6800	Prosumer NVMe		Mushkin Gamma	
Mushkin	Helix-L	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2110/1700	Budget NVMe		Mushkin Helix-L	
Mushkin	Helix-LT	x4 PCIe 3.0/NVMe	M.2	500GB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Intel	QLC		2100/850	Garbage		Mushkin CarbonX	
Mushkin	Pilot	x4 PCIe 3.0/NVMe	M.2	120GB-2TB	SMI SM2262	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	2710/1775	Consumer NVMe		Mushkin Pilot	
Mushkin	Pilot-E	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	96	3500/3100	Consumer NVMe	3-yr	Mushkin Pilot-E	
Mushkin	Raw	SATA/AHCI	2.5"	240GB-1TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	96	560/510	Storage SATA, Light SATA			
Mushkin	Reactor	SATA/AHCI	2.5"	250GB-1TB	SMI SM2246EN	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	MLC	N/A	560/460	Budget SATA		Mushkin Reactor	
Mushkin	Reactor LT	SATA/AHCI	2.5"	250GB-500GB	SMI SM2246EN	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	MLC	N/A	560/305	Budget SATA	"Light" variant of the Reactor	Mushkin Reactor LT	
Mushkin	Source	SATA/AHCI	2.5" & M.2 (1TB)	250GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	560/520	Storage SATA, Light SATA	HC, SED, DCX variants	Mushkin Source	
Mushkin	Source II	SATA/AHCI	2.5" & M.2 (1TB)	250GB-2TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	96	560/515	Storage SATA, Light SATA		Mushkin Source 2	
Mushkin	Source Q	USB 3.2 Gen 2x1	USB-C	500GB-2TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Intel	QLC	64	560/515	Storage SATA	Portable		
Mushkin	Tempest	x4 PCIe 4.0/NVMe	M.2	256GB-2TB	InnoGrit IG5216		No	Yes		TLC	96+	3300/2900			Mushkin Tempest	
Mushkin	Triactor 3DL	SATA/AHCI	2.5"	80GB-1TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	550/505	Storage SATA, Light SATA		Mushkin Triactor 3DL	

Brand	Model	Interface	Form Factor	Capacities	Controller	Configuration	DRAM	HMB	NAND Brand	NAND Type	Layers	R/W (Up to, in MB/s)	Categories	Notes (*)	Product Page	Product Page 2
Mushkin	Triactor 3DX	SATA/AHCI	2.5"	120GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	565/530	Performance SATA		Mushkin Triactor 3DX	
Neo Forza	Zion NFS01	SATA/AHCI	2.5"	120GB-960GB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	560/520	Storage SATA, Light SATA		Neo Forza Zion NFS01	
Neo Forza	Zion NFS06	SATA/AHCI	2.5"	120GB-480GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	560/510	Performance SATA		Neo Forza Zion NFS06	
Netac	NV3000	x4 PCIe 3.0/NVMe	M.2									3500/2100				
Netac	NV5000	x4 PCIe 4.0/NVMe	M.2		Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No				5000/4400				
Netac	NV7000	x4 PCIe 4.0/NVMe	M.2									7200/6850				
Nextorage	NEM-PA	x4 PCIe 4.0/NVMe	M.2	1TB-2TB		8-CH, 1200 MT/s						7300/6900		P55	Nextorage NEM-PA	
Orico	GV100	USB 3.2 Gen 2x1	USB-C	128GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	940/940	Budget NVMe	Portable	Orico GV100	
Orico	V500	x4 PCIe 3.0/NVMe	M.2	128GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	2070/1668	Budget NVMe		Orico V500	
Patriot	Burst	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	560/540	Storage SATA, Light SATA		Patriot Burst	
Patriot	Burst Elite	SATA/AHCI	2.5"	120GB-1.92TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Intel	QLC	64	450/450	Storage SATA, Light SATA	TLC at smaller capacities	Patriot Burst Elite	
Patriot	EVLVR 2	Thunderbolt 3	USB-C	Up to 2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	2850/2600	Consumer NVMe	Portable	Patriot EVLVR	
Patriot	P200	SATA/AHCI	2.5"	256GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	530/460	Storage SATA, Light SATA	2TB SKU uses MAS0902A	Patriot P200	
Patriot	P210	SATA/AHCI	2.5"	Up to 2TB	SMI SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A				520/430	Storage SATA		Patriot P210	
Patriot	P220	SATA/AHCI	2.5"	Up to 4TB	Phison S12	Quad-core, 8-ch, 4-CE/ch	Yes	N/A					Performance SATA			
Patriot	P300	x4 PCIe 3.0/NVMe	M.2	128GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	96	2100/1650	Budget NVMe	SM2263XT variant	Patriot P300	
Patriot	PXD	USB 3.2 Gen 2x1	USB-C	512GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	96	1000/1000	Budget NVMe	Portable	Patriot PXD	
Patriot	Scorch	x2 PCIe 3.0/NVMe	M.2	128GB-512GB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1700/950	Budget NVMe		Patriot Scorch	
Patriot	Viper VP4100	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4800/4000	Prosumer NVMe	Heatsink	Viper VP4100	
Patriot	Viper VP4300	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	InnoGrit IG5236							7400/6800	Prosumer NVMe		Viper VP4300	
Patriot	Viper VPN100	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe		Patriot Viper VPN100	
Patriot	Viper VPR100	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3300/2900	Consumer NVMe	Heatsink & RGB	Patriot VPR100	
Pioneer	APS-SE20G	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe	3-yr	Pioneer APS-SE20G	
Pioneer	APS-SE20Q	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	3400/3000	Moderate NVMe		Pioneer APS-SE20Q	
Pioneer	APS-SL3	SATA/AHCI	2.5"	240GB-1TB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	550/500	Storage SATA, Light SATA		Pioneer APS-SL3	
Plextor	MBV/MBVG	SATA/AHCI	2.5" & M.2	128GB-512GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Toshiba	TLC	64	560/520	Budget SATA		Plextor MBV	
Plextor	MBV Plus	SATA/AHCI	2.5" & M.2	256GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Toshiba	TLC	96	560/520	Performance SATA	aka M8 VC Plus	Plextor MBVC Plus	
Plextor	M9P+	x4 PCIe 3.0/NVMe	M.2 & AIC	256GB-1TB	Marvell 88SS1092	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Toshiba	TLC	96	3400/2200	Consumer NVMe	Also bare or heatsink (M.2)	Plextor M9P+	
Plextor	M9PeV/G/GN	x4 PCIe 3.0/NVMe	M.2 & AIC	256GB-1TB	Marvell 88SS1093	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Toshiba	TLC	64	3200/2100	Consumer NVMe	Heatsink on all but GN	Plextor M9Pe	
Plextor	M10e	x4 PCIe 4.0/NVMe	M.2	256GB-1TB	SM2267XT	Dual-core, 8-ch, 4-CE/ch	No	Yes	Kioxia	TLC	112	3700/2600	Budget NVMe		Plextor M10e	
Plextor	M10P	x4 PCIe 4.0/NVMe	M.2 & AIC	512GB-2TB	InnoGrit IG5236		Yes	N/A	Kioxia	TLC	96	7000/5000	Prosumer NVMe	(GN)	Plextor M10P(GN)	
Plextor	S3C/G	SATA/AHCI	2.5" & M.2 (256GB)	128GB-512GB	SMI SM2254	Single-core, 4-ch, 8-CE/ch	Yes	No	Hynix	TLC	N/A	550/500	Storage SATA, Light SATA	G is M.2; custom SM2256	Plextor S3C	
PNY	CS1030	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes				2100/1900	Budget NVMe		PNY CS1030	
PNY	CS1311	SATA/AHCI	2.5"	120GB-2TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	550/520	Budget SATA	Originally 2D	PNY CS1311	
PNY	CS2040	SATA/AHCI	2.5"	128GB-1TB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	560/540	Storage SATA, Light SATA		PNY CS2040	
PNY	CS2130	x4 PCIe 3.0/NVMe	M.2	500GB-4TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		QLC		3500/3000	Moderate NVMe	Less DRAM	PNY CS2130	
PNY	CS2311	SATA/AHCI	2.5"	250GB-2TB	Phison S12	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64/96	550/500	Budget SATA	5-yr	PNY CS2311	
PNY	CS3030	x4 PCIe 3.0/NVMe	M.2	250GB-4TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3500/3100	Consumer NVMe	Always double-sided; 4TB QLC	PNY CS3030	
PNY	CS3040	x4 PCIe 4.0/NVMe	M.2	500GB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5600/4300	Prosumer NVMe		PNY CS3040 sans heatsink	PNY CS3040
PNY	CS3140	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7500/6850	Prosumer NVMe		PNY CS3140	
PNY	CS4040	x4 PCIe 4.0/NVMe	M.2	512GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4800/4000	Prosumer NVMe			
PNY	CS900	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Micron	TLC	64	550/515	Light SATA, Storage SATA	Some SKUs QLC	PNY CS900	
PNY	Elite	USB 3.2 Gen 1x1	USB-A	240GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Micron	TLC	64	4300/400	Light SATA, Storage SATA	Portable	PNY Elite	
PNY	Pro Elite	USB 3.2 Gen 2x1	USB-C	250GB-1TB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	880/900	Budget NVMe	Portable; Unverified	PNY Pro Elite	
Sabrent	Rocket	x4 PCIe 3.0/NVMe	M.2	256GB-4TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe	E12S changes	Sabrent Rocket	
Sabrent	Rocket 4.0	x4 PCIe 4.0/NVMe	M.2	512GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		Sabrent Rocket 4.0	
Sabrent	Rocket 4.0 Plus	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6850	Prosumer NVMe	176L eventually or sep. model	Sabrent Rocket 4 Plus	
Sabrent	Rocket 4.0 Plus ES	x4 PCIe 4.0/NVMe	M.2	8TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Kioxia	TLC	112	7400/6600	Prosumer NVMe			
Sabrent	Rocket Nano	USB 3.2 Gen 2x1	USB-C	512GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1000/1000	Budget NVMe	Portable; smaller FF	Sabrent Rocket Nano	
Sabrent	Rocket Pro	USB 3.2 Gen 2x1	USB-C	256GB-4TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	1000/1000	Budget NVMe	Portable	Sabrent Rocket Pro	
Sabrent	Rocket Q	x4 PCIe 3.0/NVMe	M.2	500GB-8TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	3300/3000	Moderate NVMe	Less DRAM	Sabrent Rocket Q	
Sabrent	Rocket Q4	x4 PCIe 4.0/NVMe	M.2	2TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	QLC	96	4900/3500	Prosumer NVMe	Sequentials	Sabrent Rocket Q4	
Samsung	860 EVO	SATA/AHCI	2.5" & M.2 (2TB)	250GB-4TB	Samsung MIX	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	TLC	64	550/520	Performance SATA		Samsung 860 EVO	
Samsung	860 Pro	SATA/AHCI	2.5"	256GB-4TB	Samsung MIX	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	MLC	64	560/530			Samsung 860 Pro	
Samsung	860 QVO	SATA/AHCI	2.5"	1TB-4TB	Samsung MIX	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	QLC	64	550/520	Storage SATA		Samsung 860 QVO	
Samsung	870 EVO	SATA/AHCI	2.5"	250GB-4TB	Samsung MKX	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	TLC	128	560/530	Performance SATA	512Gb flash	Samsung 870 EVO	
Samsung	870 QVO	SATA/AHCI	2.5"	1TB-8TB	Samsung MKX	Tri-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	QLC	9x	560/530	Storage SATA		Samsung 870 QVO	
Samsung	960 EVO	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	Samsung Polaris	Penta-core, 8-ch, 8-CE/ch	Yes	No	Samsung	TLC	48	3200/1900			Samsung 960 EVO	
Samsung	960 Pro	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	Samsung Polaris	Penta-core, 8-ch, 8-CE/ch	Yes	No	Samsung	MLC	48	3500/2100		OEM SM961: 128GB-1TB	Samsung 960 Pro	
Samsung	970 EVO	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	Samsung Phoenix	Penta-core, 8-ch, 8-CE/ch	Yes	No	Samsung	TLC	64	3500/2500	Prosumer & Consumer NVMe		Samsung 970 EVO	
Samsung	970 EVO Plus	x4 PCIe 3.0/NVMe	M.2	250GB-2TB	Samsung Phoenix	Penta-core, 8-ch, 8-CE/ch	Yes	No	Samsung	TLC	96 (92)	3500/3300	Prosumer & Consumer NVMe	Elpis + 128L flash change	Samsung 970 EVO Plus	
Samsung	970 Pro	x4 PCIe 3.0/NVMe	M.2	512GB-1TB	Samsung Phoenix	Penta-core, 8-ch, 8-CE/ch	Yes	No	Samsung	MLC	64	3500/2700	Prosumer NVMe		Samsung 970 Pro	
Samsung	980	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	Samsung Pablo		No	Yes	Samsung	TLC	128	3500/3000	Budget NVMe		Samsung 980	
Samsung	980 Pro	x4 PCIe 4.0/NVMe	M.2	250GB-2TB	Samsung Elpis		Yes	N/A	Samsung	TLC	128 (136)	7000/5000	Prosumer NVMe	OEM: PM9A1	Samsung 980 Pro	
Samsung	T5	USB 3.2 Gen 2x1	USB-C	250GB-2TB	Samsung MGX	Dual-core, 8-ch, 8-CE/ch	Yes	N/A	Samsung	TLC	64	540/?	Performance SATA	Portable	Samsung T5	
Samsung	T7	USB 3.2 Gen 2x1	USB-C	500GB-2TB	Samsung Pablo		No	No	Samsung	TLC	96	1050/1050	Budget NVMe	Portable	Samsung T7	
SanDisk	Extreme Pro NVMe	x4 PCIe 3.0/NVMe	M.2	500GB-1TB	WD Proprietary	Tri-core, 8-ch, 8-CE/ch	Yes	No	SanDisk	TLC	64	3400/2800	Prosumer NVMe		SanDisk Extreme Pro NVMe	
SanDisk	Extreme Pro NVMe v2	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	WD Proprietary	Tri-core, 8-ch, 8-CE/ch	Yes	No	SanDisk	TLC	96	2000/2000	Consumer NVMe		SanDisk Extreme Pro Portable SSD v2	
SanDisk	Extreme Port.	USB 3.2 Gen 2x1	USB-C	250GB-2TB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	SanDisk	TLC	64	550/?	Performance SATA	Portable	SanDisk Extreme Portable	
SanDisk	Extreme Port. V2	USB 3.2 Gen 2x2	USB-C	500GB-4TB	WD Proprietary	Tri-core, 4-ch, 8-CE/ch	No	N/A	SanDisk	TLC	96	1050/1050	Budget NVMe	Portable; ASM2362	SanDisk Extreme Portable SSD V2	
SanDisk	Extreme PRO Port. V2	USB 3.2 Gen 2x2	USB-C	1TB-4TB	WD Proprietary	Tri-core, 4-ch, 8-CE/ch	Yes	N/A	SanDisk	TLC	96	2000/2000	Budget NVMe	Portable; ASM2364	SanDisk Extreme PRO Portable SSD V2	
SanDisk	SSD Plus	SATA/AHCI	2.5"	120GB-2TB	SMI SM2256S	Single-core, 4-ch, 8-CE/ch	No	N/A	SanDisk/Toshiba	TLC	N/A	545/450	Storage SATA, Light SATA	2TB - DRAM, some QLC	SanDisk SSD Plus	
SanDisk	Ultra	x4 PCIe 3.0/NVMe	M.2	250GB-1TB	WD Proprietary	Tri-core, 4-ch, 8-CE/ch	No	Yes	SanDisk	TLC	96	2400/1950	Budget NVMe	5-year	SanDisk Ultra NVMe	
SanDisk	Ultra 3D	SATA/AHCI	2.5"	250GB-2TB	Marvell 88SS1074	Dual-core, 4-ch, 8-CE/ch	Yes	N/A	SanDisk	TLC	64	550/525	Performance SATA		SanDisk Ultra 3D	
Seagate	BarraCuda	SATA/AHCI	2.5"	250GB-2TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	560/540	Budget SATA		Seagate BarraCuda SSD	
Seagate	BarraCuda 120	SATA/AHCI	2.5"	250GB-2TB	Phison S12	8-ch	Yes	N/A		TLC	96	560/540	Performance SATA	S10 w/LDPC	BarraCuda 120	

Brand	Model	Interface	Form Factor	Capacities	Controller	Configuration	DRAM	HMB	NAND Brand	NAND Type	Layers	R/W (Up to, in MB/s)	Categories	Notes (*)	Product Page	Product Page 2
Seagate	BarraCuda 510	x4 PCIe 3.0/NVMe	M.2	256GB-512GB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/2180	Consumer NVMe	Updated to 96L	Seagate BarraCuda 510 NVMe	
Seagate	Fast SSD	USB 3.2 Gen 2x1	USB-C	512GB-2TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	540/500	Budget SATA	Portable	Seagate Fast SSD	
Seagate	FireCuda 510	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3450/3200	Consumer NVMe	Updated to 96L	Seagate FireCuda 510 NVMe	
Seagate	FireCuda 520	x4 PCIe 4.0/NVMe	M.2	500GB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5500/4400	Prosumer NVMe		Seagate FireCuda 520	
Seagate	FireCuda 530	x4 PCIe 4.0/NVMe	M.2	500GB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	176	7300/6900	Prosumer NVMe	Opt. heatsink	Seagate FireCuda 530	
Seagate	One Touch SSD	USB 3.2 Gen 1x1	USB-C	500GB-1TB	Phison S10	Quad-core, 8-ch, 4-CE/ch	Yes	N/A	Toshiba	TLC	64	400/400	Budget SATA	Portable	Seagate One Touch SSD	
Seagate	One Touch SSD NVMe	USB 3.2 Gen 2	USB-C	500GB-2TB								1030/1030	Budget NVMe	Portable		
Seagate	BarraCuda Q1	SATA/AHCI	2.5"	240GB-960GB						QLC		550/500			Seagate BarraCuda Q1	
Seagate	BarraCuda Q5	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Intel	QLC		2400/1800	Budget NVMe		Seagate BarraCuda Q5	
Silicon Power	A55/S55	SATA/AHCI	2.5" & M.2	60GB-1TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	560/530	Storage SATA, Light SATA	Variable hardware	Silicon Power A55	Silicon Power S55
Silicon Power	A58	SATA/AHCI	2.5"	128GB-512GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Micron	TLC	64	480/510	Storage SATA, Light SATA		Silicon Power Bolt B75 Pro	
Silicon Power	Bolt B75 Pro	USB 3.2 Gen 2x1	USB-C	250GB-2TB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	520/420	Storage SATA, Light SATA	Portable	Silicon Power Bolt B75 Pro	
Silicon Power	P32A80	x2 PCIe 3.0/NVMe	M.2	128GB-512GB	Phison E8T	Dual-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64	1600/1000	Budget NVMe		Silicon Power P32A80	
Silicon Power	P34A60	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron/Toshiba	TLC	96	2200/1600	Budget NVMe	Unverified NAND	Silicon Power P34A60	
Silicon Power	P34A80	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3200/3000	Consumer NVMe	Switched to SM2262EN	Silicon Power P34A80	
Silicon Power	PC60	USB 3.2 Gen 2x1	USB-C	1.92TB	SM2259XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	96	540/500	Storage SATA, Light SATA	Portable	Silicon Power PC60	
Silicon Power	UD70	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No		QLC	96	3400/3000	Moderate NVMe		Silicon Power UD70	
Silicon Power	U570	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		Silicon Power U570	
Silicon Power	XD80	x4 PCIe 3.0/NVMe	M.2	256GB-2TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	3400/3000			Silicon Power XD80	
Silicon Power	XS70	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	No				7300/8600	Prosumer NVMe		Silicon Power XS70	
TC Sunbow	X3	SATA/AHCI	2.5"	60GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	?	N/A	Micron	TLC	64	560/510	Budget SATA	Flash/DRAM varies		
Team	Cardea II	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3400/3000	Consumer NVMe	Heatsink	Team Cardea II	
Team	Cardea A440	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Micron	TLC	96	7000/6900	Prosumer NVMe		Team Cardea A440	
Team	Cardea A440 Pro	x4 PCIe 4.0/NVMe	M.2	1TB-4TB	Phison E18	Triple R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A				7400/7000	Prosumer NVMe	PSS	Team Cardea A440 Pro	
Team	Cardea Ceramic C440	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		Team Cardea Ceramic C440	
Team	IOPS	x4 PCIe 3.0/NVMe	M.2	1TB			Yes	No		TLC		3400/3000	Consumer NVMe	Cool heatsinks	Team Cardea IOPS	
Team	Cardea Liquid	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3400/3000	Consumer NVMe	Water-cooled	Team Cardea Liquid	
Team	Cardea Z44Q	x4 PCIe 4.0/NVMe	M.2	2TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Intel	QLC	96	5000/4000	Moderate NVMe		Team Cardea Z44Q	
Team	Cardea Zero	x4 PCIe 4.0/NVMe	M.2	256GB-1TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	4800/4000	Prosumer NVMe	Heatsink	Team Cardea Zero	
Team	Cardea Zero Z330	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64/96	2100/1700	Budget NVMe		Team Cardea Zero Z330	
Team	Cardea Zero Z440	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	96	5000/4400	Prosumer NVMe		Cardea Zero Z440	
Team	Delta RGB	SATA/AHCI	2.5"	250GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	560/510	Budget SATA	RGB; Change: Samsung 64L	Team Delta RGB	
Team	Delta TUF	SATA/AHCI	2.5"	500GB-1GB								560/510			Team Delta TUF	
Team	AX1	SATA/AHCI	2.5"	240GB-960GB								540/490			Team AX1	
Team	AX2	SATA/AHCI	2.5"	256GB-2TB								540/490			Team AX2	
Team	EX2	SATA/AHCI	2.5"	512GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Hynix	TLC	72	550/520	Storage SATA, Light SATA		Team EX2	
Team	CX1	SATA/AHCI	2.5"	240GB-960GB											Team CX1	
Team	CX2	SATA/AHCI	2.5"	256GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A		TLC	64	540/490	Storage SATA, Light SATA		Team CX2	
Team	GX1	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	SanDisk/Toshiba	TLC	64	530/480	Storage SATA, Light SATA	SM2258XT var.; lesser flash	Team GX1	
Team	GX2	SATA/AHCI	2.5"	128GB-2TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	550/500	Storage SATA, Light SATA		Team GX2	
Team	L3 EVO	SATA/AHCI	2.5"	120GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	530/500	Storage SATA, Light SATA	Variable hardware	Team L3 EVO	
Team	LS Lite (2D)	SATA/AHCI	2.5"	60GB-1TB	SMI SM2256S	Single-core, 4-ch, 8-CE/ch	No	N/A	Micron	TLC	N/A	530/480	Garbage		Team LS Lite (2D)	
Team	LS Lite 3D	SATA/AHCI	2.5"	120GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Varies	TLC	32/64	500/480	Budget SATA	Change: Samsung 64L	Team LS Lite 3D	
Team	MP32	x2 PCIe 3.0/NVMe	M.2	128GB-1TB	Phison E8	Dual-core, 4-ch, 8-CE/ch	Yes	No	Toshiba	TLC	64	1550/950	Budget NVMe		Team MP32	
Team	MP33	x4 PCIe 3.0/NVMe	M.2	128GB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64/96	1800/1500	Budget NVMe	SM2263XT variant; 5-yr	Team MP33	
Team	MP33 Pro	x4 PCIe 3.0/NVMe	M.2	512GB-2TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	96	2100/1700	Budget NVMe		Team MP33 Pro	
Team	MP34	x4 PCIe 3.0/NVMe	M.2	256GB-4TB	Phison E12	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Toshiba	TLC	64	3000/2600	Consumer NVMe	3-yr; SM2262EN change/variant	Team MP34	
Team	MP34Q	x4 PCIe 3.0/NVMe	M.2	2TB-8TB	Phison E12S	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Intel	QLC	96	3400/3000	Moderate NVMe		Team MP34Q	
Team	MS30	SATA/AHCI	M.2	128GB-1TB	SMI SM2258XT	Single-core, 4-ch, 4-CE/ch	No	N/A	Micron	TLC	64	530/480	Storage SATA, Light SATA		Team MS30	
Team	PD400	USB 3.2 Gen 1x1	USB-C	240GB-960GB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A		TLC		430/420	Storage SATA, Budget SATA	Portable	Team PD400	
Team	PQ1000	USB 3.2 Gen 2x1	USB-C	512GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	No		TLC		1000/950	Budget NVMe	Portable	Team PQ1000	
Team	QX	SATA/AHCI	2.5"	15.3TB	Phison E12DC							560/480			Team QX	
Team	T-Create Classic (NVMe)	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Kioxia	TLC	96	2100/1700	Budget NVMe		Team T-Create Classic (NVMe)	
Team	T-Create Classic (NVMe 2)	x4 PCIe 4.0/NVMe	M.2	1TB-2TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	N/A	Kioxia	TLC	96	5000/4400	Prosumer NVMe		Team T-Create Classic (NVMe 2)	
Team	T-Create Classic (SATA)	SATA/AHCI	2.5"	1TB											Team T-Create Classic (SATA)	
Team	T-Create Classic (TB3)	TB3	2.5"	1TB-4TB											Team T-Create Classic TB3	
Team	T-Create Expert	x4 PCIe 3.0/NVMe	M.2	1TB-2TB	SMI SM2262EN		Yes	N/A	Micron	TLC	64	3400/3000	Prosumer NVMe	Massive warranty w/Industrial TLC	Team T-Create Expert	
Team	Vulcan	SATA/AHCI	2.5"	250GB-1TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	64	560/510	Performance SATA	3-yr warranty; flash may vary	Team Vulcan SSD	
Team	Vulcan G	SATA/AHCI	2.5"	512GB-1TB			No						Storage SATA, Light SATA		Team Vulcan G	
Team	Z330	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	Phison E13T	Single-core, 4-ch, 8-CE/ch	No	Yes	Toshiba	TLC	64/96	2100/1700	Budget NVMe		Team Z330	
Team	Z340	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC		3400/3000	Consumer NVMe	E12S alternative	Team Z340	
Team	Z44L	x4 PCIe 4.0/NVMe	M.2	500GB-1TB	Phison E19T	Single R5 + CoX, 8-ch, 4-CE/ch	No	Yes	SanDisk	TLC	96	3500/3000			Team Cardea Z44L	
Team	Z44Q	x4 PCIe 4.0/NVMe	M.2	2TB-4TB	Phison E16	Dual R5 + CoX, 8-ch, 4-CE/ch	Yes	No	Intel	QLC	96	5000/3700	Moderate NVMe		Team Z44Q	
Toshiba/Kioxia	RC500	x4 PCIe 3.0/NVMe	M.2	250GB-500GB	Phison E12S	4-ch	Yes	N/A	Toshiba	TLC	96	1700/1600	Budget NVMe		Toshiba RC500	
Toshiba/Kioxia	RD500	x4 PCIe 3.0/NVMe	M.2	500GB-2TB	Phison E12S	8-ch	Yes	N/A	Toshiba	TLC	96	3400/3200	Consumer NVMe		RD500	
Toshiba/Kioxia	TR200	SATA/AHCI	2.5"	240GB-960GB	Phison S11	Single-core, 2-ch, 8-CE/ch	No	N/A	Toshiba	TLC	64	555/540	Storage SATA, Light SATA		Toshiba TR200	
Transcend	ESD350C	USB 3.2 Gen 2x1	USB-C	240GB-960GB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	No	Micron	TLC	64	1050/950	Budget NVMe	Portable; Unverified	Transcend ESD350C	
Transcend	MSA452T2	SATA/AHCI	mSATA	64GB-1TB			Yes	N/A		TLC		560/520	Performance SATA		Transcend MSA452T2	
Transcend	MT5552T2	SATA/AHCI	M.2	64GB-512GB			Yes	N/A		TLC		560/510	Performance SATA		Transcend MT5552T2	
Transcend	MT6652T2	x4 PCIe 3.0/NVMe	M.2	128GB-512GB			Yes	No		TLC		2100/1000	Budget NVMe		Transcend MT6652T2	
Transcend	MTS952T2	SATA/AHCI	M.2	64GB-2TB			Yes	N/A		TLC		560/520	Performance SATA		Transcend MTS952T2	
Transcend	SSD 1105	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2263XT	Dual-core, 4-ch, 4-CE/ch	No	Yes	Micron	TLC	64	1700/1500	Budget NVMe		Transcend SSD 1105	
Transcend	SSD 2205	x4 PCIe 3.0/NVMe	M.2	256GB-1TB	SMI SM2262EN	Dual-core, 8-ch, 4-CE/ch	Yes	No	Micron	TLC	64	3300/2800	Consumer NVMe	May be changed to E12/E12S + 96L	Transcend SSD2205	
Transcend	SSD2305	SATA/AHCI	2.5"	128GB-2TB	SMI SM2258	Single-core, 4-ch, 8-CE/ch	Yes	N/A	Micron	TLC	32/64	560/520	Budget SATA	Change: Samsung 64L	Transcend SSD2305	
Transcend	SSD 2405	x4 PCIe 4.0/NVMe	M.2	500GB-1TB	SMI SM2267	DC (28nm R1S), 4-ch, 8-CE/ch	Yes	No	Micron	TLC	96	3800/3200	Consumer NVMe		Transcend SSD 2405	
Transcend	SSD250N	SATA/AHCI	2.5"	1TB-2TB								560/480			Transcend SSD250N	

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