

Kingston Channel SSD Portfolio Overview - 2025

As of Feb '25



INTERNAL CLIENT SSD



	NV3	KC3000	FURY Renegade	FURY Renegade G5	Q500	KC600
Good/Better/Best	Good	Better	Better	Best	Good	Better
Interface	PCIe 4.0 NVMe	PCIe 4.0 NVMe	PCIe 4.0 NVMe	PCIe 5.0 NVMe	SATA	SATA
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280	2.5"	2.5" & mSATA
Capacity	500GB – 4TB	512GB – 4096GB	500GB – 4TB	1024GB – 4096GB 8192GB (Q3'25)	240GB – 960GB	256GB – 2048GB
Seq. R/W (MB/s)	Up to 6,000	Up to 7,000	Up to 7,300	Up to 14,800	Up to 500	Up to 550
Encryption/Security	No	No	No	No	No	Yes
Limited Warranty	5 Years	5 Years	5 Years	5 Years	3 Years	5 Years
Main Competition	Crucial P3 Plus, P310, WD SN580, SN5000, SN770, Samsung 990 EVO, Adata XPG S60	WD Black SN850X, Samsung 990 PRO, Seagate FireCuda, Crucial T500	WD Black SN850X, Samsung 990 PRO, Seagate FireCuda, Crucial T500	Crucial T705, Sabrent Rocket 5, Corsair MP700 PRO SE	Crucial BX500, WD Green, Adata SU650, 630, Sandisk Plus	Crucial MX500, WD Blue, Samsung 860 EVO
	NVMe				SATA	

EXTERNAL

INTERNAL DATA CENTER/ENTERPRISE SSD



	XS1000 XS1000R	XS2000	DC600M DC600ME	DC3000ME	DC2000B
Good/Better/Best	Better	Best	Better	Best	Best
Interface	USB 3.2 2x1	USB 3.2 2x2	SATA	PCIe 5.0 NVMe	PCIe 4.0 NVMe
Form Factor	External	External	2.5"	U.2	M.2 2280
Capacity	1TB – 2TB	500GB – 4TB	480GB – 7.68TB	3.84TB – 15.36TB	240GB - 960GB
Seq. R/W (MB/s)	Up to 1050	Up to 2000	Up to 560	Up to 14,000	Up to 7,000
Encryption/Security	No	No	No w/ DC600M Yes w/ DC600ME	Yes	No
Limited Warranty	5 Years	5 Years	5 Years	5 Years	5 Years
Main Competition	Samsung T7, SanDisk Extreme Portable V2, WD My Passport SSD, Crucial X9, Adata SE760, Lexar SL10	Samsung T9, Crucial X10 Pro, WD Black P50, Sandisk Extreme Pro V2, Seagate FireCuda Gaming, Adata SE900G, SE880	Micron 5400 PRO, Samsung PM893, Solidigm S4520, Seagate Nytro 1361	Samsung PM9D3a, Micron 9550, Kioxia CD8P-R, WD/Sandisk DCSN861, Solidigm PS1010	Micron 7450
	Portable		SATA	NVMe	

