



	PNY CS900		SAMSUNG 860 EVO		SAMSUNG 870 QVO		CRUCIAL BX500		KINGSTON A400		WD GREEN	
Form Factor/Interface	2.5" SATA-III, 6 Gb/s		2.5" SATA-III, 6 Gb/s		2.5" SATA-III, 6 Gb/s		2.5" SATA-III, 6 Gb/s		2.5" SATA-III, 6 Gb/s		2.5" SATA-III, 6 Gb/s	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
120GB	515	490	N/A	N/A	N/A	N/A	N/A	N/A	500	320	545	N/A
240GB/250GB	535	500	550	520	N/A	N/A	540	500	500	350	545	N/A
480GB/500GB	550	500	550	520	N/A	N/A	540	500	500	450	545	N/A
960GB/1TB	535	515	550	520	560	530	540	500	500	450	545	N/A
2TB	550	530	550	520	560	530	540	500	N/A	N/A	545	N/A
4TB	560	540	550	520	560	530	540	500	N/A	N/A	N/A	N/A
8TB	560	540	N/A	N/A	560	530	N/A	N/A	N/A	N/A	N/A	N/A
MTBF (Million Hours)	2.0		1.5		1.5		1.5		1.0		1.0	
Warranty	3-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		3-Year Limited Warranty or TBW		3-Year Limited Warranty or TBW		3-Year Limited Warranty or Percent Used		5-Year Limited Warranty or TBW	
SSD Toolbox	Yes		Yes		Yes		Yes		Yes		Yes	

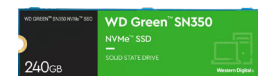
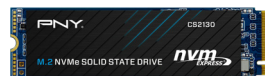
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**Comparison of models based on specifications provided on [Samsung](http://Samsung.com), [Crucial](http://Crucial.com), [Kingston](http://Kingston.com), and [Western Digital](http://WesternDigital.com) company websites as of September 9, 2021.

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	PNY CS1030		CRUCIAL P1		WD GREEN SN350		KINGSTON NV1	
Form Factor/Interface	M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
240GB/250GB	2,500	1,100	N/A	N/A	2,400	900	N/A	N/A
480GB/500GB	2,000	1,100	1,900	950	2,400	1,650	2,100	1,700
960GB/1TB	2,100	1,700	2,000	1,700	2,400	1,900	2,100	1,700
2TB	2,100	1,900	2,000	1,700	3,200	3,000	2,100	1,700
MTBF (Million Hours)	2.0		1.8		1.0		1.5	
Warranty	5-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		3-Year Limited Warranty or TBW		3-Year Limited Warranty or Percent Used	
SSD Toolbox	Yes		Yes		Yes		Yes	

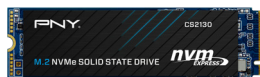
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	PNY CS2130		CRUCIAL P2		SAMSUNG 970 EVO		WD BLUE SN550		KINGSTON KC2000	
Form Factor/Interface	M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
250GB	N/A	N/A	2,100	1,150	3,400	1,500	2,400	950	3,000	1,100
500GB	3,500	925	2,300	940	3,400	2,300	2,400	1,750	3,000	2,000
1TB	3,500	1,800	2,400	1,800	3,400	2,500	2,400	1,950	3,200	2,200
2TB	3,500	3,000	2,400	1,900	3,500	2,500	N/A	N/A	3,200	2,200
4TB	3,500	3,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8TB	3,500	3,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MTBF (Million Hours)	2.0		1.5		1.5		1.7		2.0	
Warranty	5-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or Percent Used	
SSD Toolbox	Yes		Yes		Yes		Yes		Yes	

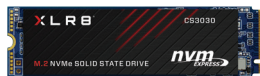
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	PNY CS3030		CRUCIAL P5		SAMSUNG 970 EVO PLUS		WD BLACK SN750		KINGSTON KC2500	
Form Factor/Interface	M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4		M.2 NVMe PCIe G3 x4	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
250GB	3,500	1,050	3,400	1,400	3,500	2,300	3,100	1,600	3,500	1,200
500GB	3,500	2,000	3,400	3,000	3,500	3,200	3,430	2,600	3,500	2,500
1TB	3,500	3,000	3,400	3,000	3,500	3,300	3,470	3,000	3,500	2,900
2TB	3,500	3,000	3,400	3,000	3,500	3,300	3,400	2,900	3,500	2,900
4TB	3,500	3,100	N/A	N/A	N/A	N/A	3,100	3,400	N/A	N/A
MTBF (Million Hours)	2.0		1.8		1.5		1.75		2.0	
Warranty	5-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or Percent Used	
SSD Toolbox	Yes		Yes		Yes		Yes		Yes	

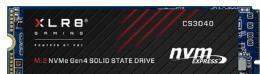
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	PNY CS3040		GIGABYTE AORUS		SEAGATE FIRECUDA 520		CORSAIR MP600		ADATA XPG S50 LITE	
Form Factor/Interface	M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
250GB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500GB	5,600	2,600	5,000	2,500	5,000	2,500	N/A	N/A	3,800	2,800
1TB	5,600	4,300	5,000	4,400	5,000	4,400	4,700	1,950	3,800	3,200
2TB	5,600	4,300	5,000	4,400	5,000	4,400	4,950	3,700	3,800	3,200
4TB	5,600	3,900	N/A	N/A	N/A	N/A	4,950	3,950	N/A	N/A
MTBF (Million Hours)	2.0		1.7		1.8		1.8		2.0	
Warranty	5-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW	
SSD Toolbox	Yes		Yes		Yes		Yes		Yes	

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	PNY CS3140		SAMSUNG 980 PRO		WD BLACK SN850		ADATA XPG S70		CORSAIR MP600 PRO		GIGABYTE AORUS 7000		SEAGATE FIRECUDA 530	
Form Factor/Interface	M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4		M.2 NVMe PCIe G4 x4	
Performance (MB/s)	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write	Seq. Read	Seq. Write
250GB	N/A	N/A	6,400	2,700	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500GB	N/A	N/A	6,900	5,000	7,000	4,100	N/A	N/A	N/A	N/A	N/A	N/A	7,000	3,000
1TB	7,500	5,650	7,000	5,000	7,000	5,300	7,400	5,500	7,000	5,500	7,000	5,500	7,300	6,000
2TB	7,500	6,850	7,000	5,100	7,000	5,100	7,400	6,400	7,000	6,550	7,000	6,850	7,300	6,900
4TB	7,500	6,850	N/A	N/A	N/A	N/A	N/A	N/A	7,000	6,850	N/A	N/A	7,300	6,900
MTBF (Million Hours)	2.0		1.5		1.75		2.0		1.7		1.6		1.8	
Warranty	5-Year Limited Warranty or TBW*		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW		5-Year Limited Warranty or TBW	
SSD Toolbox	Yes		Yes		Yes		Yes		Yes		Yes		Yes	

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