



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NX-XXX 2280 Specifications



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NX-XXX 2280 Specifications						
Overview	Item	Model Name	NX-XXX 2280			
		Dimensions	M.2 (L80.0mm) * (W22.0mm) * (H2.1mm) ±0.1mm			
		Interface	M.2 M Key, PCIe Gen3 x4, NVME Rev. 1.3			
		Support OS	Windows 10, Windows 11, Windows Server 2012 R2, RHEL, CentOS, Ubuntu, Linux			
Performance	Capacity	128GB	256GB	512GB	1TB	2TB
	NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
	Seq. Read(MB/s)	1600~2200	2400~3200	2500~3400	2600~3400	2700~3500
	Seq. Write(MB/s)	600~800	1000~1600	1900~2500	2300~3100	2500~3200
	TBW	125TB	250TB	500TB	1000TB	2000TB
	Random 4k Read IOPS	380000 (2TB)				
	Random 4k Write IOPS	320000 (2TB)				
	Random Acc. time	0.036ms (2TB)				
Electrical	Input Voltage	DC 3.3V±5%				
	Idle Mode	0.69W (2TB)				
	Max	4.26W (2TB)				
Reliability	Read endurance	Infinite				
	Data Retention	10year @ 25℃				
	MTBF	1million hours				
	ECC	4K LDPC				
	Function	Automated Bad Block Management				
Environment	Option Temperature	0~+70℃				
	Storage Temperature	-20~+75℃				
	Humidity	5~95%				
Warranty	Limited 3-year warranty with free technical support					
Certification	CE, ROHS, FCC, REACH					
Status	MP	NO EOL				