



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NXM-XXX Specifications



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NXM-XXX Specifications

Item	Model Name	NXM-XXX				
Overview	Dimensions	L42.0mm * W22.0mm * H3.5mm ±0.1mm				
	Interface	M.2 M Key,PCIe Gen3 x4 NVME Rev.1.4- with backwards compatibility to NVME Rev. 1.1				
	Support OS	Windows 7,Windows 8,Windows 10,Windows Server 2012 R2,RHEL,CentOS,Ubuntu, Linux				
Performance	Capacity	128GB	256GB	512GB	1TB	2TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read (MB/s)	1600~2200	2500~3400	2600~3500	2600~3500	2700~3500
	Seq. Write (MB/s)	600~800	1000~1600	2000~2700	2000~3000	2500~3200
	TBW	60TB	125TB	250TB	500TB	1000TB
	Random 4k Read IOPS	325K (2TB)				
	Random 4k Write IOPS	236K (2TB)				
	Random Acc. time	0.023ms (2TB)				
Electrical	Input Voltage	DC 3.3V±5%				
	Idle Mode (W)	0.63W (2TB)				
	Max (W)	4.19W (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				