



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NE-XXX Specifications



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NE-XXX Specifications

Item	Model Name	NE-XXX				
Overview	Dimensions	L42.0mm * W22.0mm * H3.2mm ±0.1mm				
	Interface	M.2, PCI-e Gen3 x2 NVME Rev.1.3				
	Support OS	Windows 7, Windows 8, Windows 10, Windows Server 2012 R2, RHEL, CentOS, Ubuntu, Linux				
Performance	Capacity	64GB	128GB	256GB	512GB	1TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read(MB/s)	800~900	900~950	950~1100	1000~1100	1000~1200
	Seq. Write(MB/s)	300~400	600~800	800~950	900~1000	950~1000
	TBW	30TB	60TB	120TB	240TB	480TB
	Random 4k Read IOPS	96720 (1TB)				
	Random 4k Write IOPS	13980 (1TB)				
	Random Acc. time	0.083ms (1TB)				
Electrical	Input Voltage	DC 3.3V±5%				
	Idle Mode(W)	0.37W (1TB)				
	Max (W)	2.0W (1TB)				
Reliability	Read endurance	Infinite				
	Data Retention	10year @ 25℃				
	MTBF	1million hours				
	ECC	4K LDPC				
	Function	Automated Bad Block Management				
Environment	Operation 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				