



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NE-XXX Specifications



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NE-XXX Specifications

Item	Model Name	NE-XXX					
Overview	Dimensions	L80.0mm * W22.0mm * H2.1mm ±0.1mm					
	Interface	M.2,PCI-e Gen3 x4 NVME Rev.1.3- 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	4TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read(MB/s)	1500~1800	1700~2200	2000~2400	2000~2400	2800~3000	3000~3200
	Seq. Write(MB/s)	500~600	1000~1300	1400~1700	1600~1900	1600~1900	1600~2000
	TBW	125TB	250TB	500TB	1000TB	2000TB	4000TB
	Random 4k Read IOPS	200K(4TB)					
	Random 4k Write IOPS	230K(4TB)					
	Random Acc. time	0.058ms(4TB)					
Electrical	Input Voltage	DC 3.3V±5%					
	Idle Mode(W)	1.19W(4TB)					
	Max (W)	3.23W(4TB)					
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					