



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NT-XXX 2280 Specifications



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NT-XXX 2280 Specifications

Item	Model Name	NT-XXX 2280					
Overview	Dimensions	M. 2 (L80.0mm) * (W22.0mm) * (H2.1mm) ±0.1mm					
	Interface	M. 2 SATA Rev. 3.2(6Gb/s)- with backwards compatibility to SATA Rev. 2.0 (3Gb/s)					
	Support OS	Windows 10, Windows 11, Windows Server 2012 R2, RHEL, CentOS, Ubuntu, Linux					
Performance	Capacity	120GB	240GB	480GB	960GB	1920GB	3840GB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read (MB/s)	450~500	500~550	510~560	510~560	510~560	480~520
	Seq. Write (MB/s)	400~450	450~500	480~530	480~530	480~530	450~500
	TBW	60TB	120TB	240TB	480TB	960TB	1920TB
	Random 4k Read IOPS	64500 (4TB)					
	Random 4k Write IOPS	72200 (4TB)					
	Random Acc. time	0.1ms (4TB)					
Electrical	Input Voltage	DC 3.3V±5%					
	Idle Mode	0.33W (4TB)					
	Max	1.15W (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					