



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

NT-XXX Specifications



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NT-XXX Specifications

Item	Model Name	NT-XXX				
Overview	Dimensions	L42.0mm * W22.0mm * H3.5mm ±0.15mm				
	Interface	M.2, SATA Rev. 3.2(6Gb/s)- with backwards compatibility to SATA Rev. 2.0 (3Gb/s)				
	Support OS	Windows 7,Windows 8.1,Windows 10, DOS, Linux,Unix				
Performance	Capacity	128GB	256GB	512GB	1TB	2TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read (MB/s)	450~500	500~550	510~560	510~560	510~560
	Seq. Write (MB/s)	400~450	450~500	480~530	480~530	480~530
	TBW	60TB	120TB	240TB	480TB	960TB
	Random 4k Read IOPS	87K (2TB)				
	Random 4k Write IOPS	75K (2TB)				
	Random Acc. time	0.033ms (2TB)				
Electrical	Input Voltage	DC 3.3V±5%				
	Idle Mode (W)	0.26W (2TB)				
	Max (W)	1.25W (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				