



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

P4-XXX Specifications



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P4-XXX Specifications

Item	Model Name	P4-XXX				
Overview	Dimensions	2.5inch (L100.4mm) * (W70.0mm) * (H7.0mm) ±0.15mm				
	Interface	SATA 7+15PIN 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	60GB	120GB	240GB	480GB	960GB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read(MB/s)	400~450	450~500	500~540	510~560	510~570
	Seq. Write(MB/s)	250~310	300~350	440~480	470~520	470~520
	TBW	30TB	60TB	120TB	240TB	480TB
	Random 4k Read IOPS	68K (960GB)				
	Random 4k Write IOPS	74K (960GB)				
	Random Acc. time	0.03ms (960GB)				
Electrical	Input Voltage	DC 5V±5%				
	Idle Mode(W)	0.3W (960GB)				
	Max (W)	1.58W (960GB)				
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				