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STORING POSSIBILITIES PROTECTING PASSIONS



S5-XXX Specification



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S5-XXX Specification

Item	Model Name	S5-XXX		
Overview	Dimensions	L100.4mm*W70.0mm*H7.0mm±0.15mm		
	Interface	2.5"SATA, 7+15pin		
	Support OS	Windows 10,Windows 11,Windows Server 2012 R2,RHEL,CentOS,Ubuntu, Linux		
Performance	Capacity	1TB	2TB	4TB
	NAND Flash	3D TLC	3D TLC	3D TLC
	Seq. Read(MB/s)	550	550	540
	Seq. Write(MB/s)	520	520	500
	TBW	500	1000	2000
	Random 4k Read IOPS	62K	63K	65K
	Random 4k Write IOPS	68K	69K	70K
	Random Acc. time	0.043ms	0.053ms	0.054ms
Electrical	Input Voltage	DC 5V±5%		
	Idle Mode	0.41W	0.40W	0.41W
	Max	1.75W	1.80W	1.85W
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		