

specification

Model	HS-XXX		
Dimensions	Half Slim L54.0mm * W39.0mm * H4.5mm Error \pm 0.5mm		
Form factor	SATA		
Interface	SATA III 6Gbps		
Capacity	32GB	64GB	128GB
NAND Flash	3D MLC	3D MLC	3D MLC
Sequential Read (MB/s)	100~150	350~400	400~450
Sequential Write (MB/s)	80~120	200~250	300~350
TBW	48TB	96TB	192TB
4K Random read(IOPS)	5210	17600	32400
4K Random write(IOPS)	29100	39700	56600
Input voltage	DC 5V \pm 5%		
Power consumption Idle	0.36W		
Power consumption Active	2.87W		
Data retention	10years below 25 degree		
MTBF	1 million hours		
ECC	Hardware BCH ECC capable of correcting errors up to		
Features	System automatic bad block management		
Operating Temp.	0 $^{\circ}$ C~70 $^{\circ}$ C		
Storage Temp.	-20 $^{\circ}$ C~75 $^{\circ}$ C		
Humidity	5-95%		
Vibration	80Hz~2000Hz/20G		
Shock	1500G/0.5ms		

256GB
3D MLC
450~500
320~380
384TB
52100
55500