



We Still Supply SLC



You Can Get Hagiwara's Industrial SLC Storages!

Comparison	2D SLC 3D SLC mode	2D MLC 3D MLC mode	3D TLC
Read / Write Durability	Higher	←————→	Lower
Data Retention	Higher	←————→	Lower
Price	Higher	←————→	Lower
Capacity	Lower	←————→	Higher

*SLC: Single-Level-Cell (1 bit per cell), MLC: Multi-Level Cell (2 bits per cell),
TLC: Triple-Level-Cell (3 bits per cell)

What you do

- Supply your products for a long time.
- Use products in the extreme environment.
- Need writing in storages many times.

What we offer

- SLC Storages for a long time.
- SLC Storages which support -40 °C to 85 °C.
- SLC Storages which support more P/E cycles.

Product lines

Product	2.5 inch SATA				CFast			
	HFD Series		HN2S Series		HFD Series		HN1S Series	
NAND	2D SLC		3D SLC mode		2D SLC		3D SLC mode	
Capacity	15GB to 240GB		20GB to 320GB		7GB to 30GB		20GB to 160GB	
Temperature	STD	Wide	STD	Wide	STD	Wide	STD	Wide
	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C
Part Number	HFD25S-xxxGD(A**A E)	HFD25S-xxxGD(A**A EI)	HN2S-xxxGP**SN	HN2S-xxxGP**JI	HFD10S-xxxGD(A**A E)	HFD10S-xxxGD(A**A EI)	HN1S-xxxGP**SN	HN1S-xxxGP**JI
Interface	SATA 6.0Gbps							

Product	M.2 2280			M.2 2242	
	HFD Series 2280		HN8S Series 2280		HN4S Series 2242
NAND	2D SLC		3D SLC mode		3D SLC mode
Capacity	4GB - 128GB		20GB~320GB		20GB~160GB
Temperature	STD		STD		Wide
	0 to 70°C		0 to 70°C		-40 to 85°C
Part Number	HFDM8S-xxxGD(A**AE)		HN8S-xxxGP**SN		HN4S-xxxGP**SN
Interface	SATA 6.0Gbps				

Product	mSATA			
	HFD Series		HNMS Series	
NAND	2D SLC		3D SLC mode	
Capacity	7GB to 60GB		20GB to 160GB	
Temperature	STD		Wide	
	0 to 70°C		-40 to 85°C	
Part Number	HFDMSS-xxxGD(A**AE)		HNMS-xxxGP**SN	
Interface	SATA 6.0Gbps			

Product	2.5 inch PATA	CompactFlash												
	HFD Series		MFD Series				MCF Series			HFD Series, HCF Series				
NAND	2D SLC													
Capacity	15GB to 240GB		512MB to 32GB				512MB to 16GB			512MB to 64GB				
Temperature	STD	Wide	STD	Wide	STD	Wide	STD	Wide	STD	Wide	STD	Wide		
	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C	0 to 70°C	-40 to 85°C		
Disk type	Fixed Disk		Fixed Disk				Removable			Fixed	Removable	Fixed	Removable	
Part Number	HFD25 P-xxxGD(A**A E)	HFD25 P-xxxGD(A**A EI)	MFD10 P-xxxV(A**AD)	MFD10 P-032V(A**AM)	MFD10 P-xxMS(A**AC I)	MFD10 P-xxxV(A**ADI)	MFD10 P-032V(A**AM I)	MCF10 P-xxxV(A**AD)	MCF10 P-xxMS(A**AC I)	MCF10 P-xxxV(A**ADI)	HFD10 P-xxxxR(A**AE)(*3)	HCF10 P-xxxxR(A**AE)(*3)	HFD10 P-xxxxR(A**AE I)(*3)	HCF10 P-xxxxR(A**AE I)(*3)
Interface	Parallel ATA[Ultra ATA100]		Parallel ATA[Ultra ATA/66] CFA4.0						Parallel ATA[Ultra ATA/66] CFA6.0					

About SD, micro SD, and USB memory, please ask us!

■ Partner: