

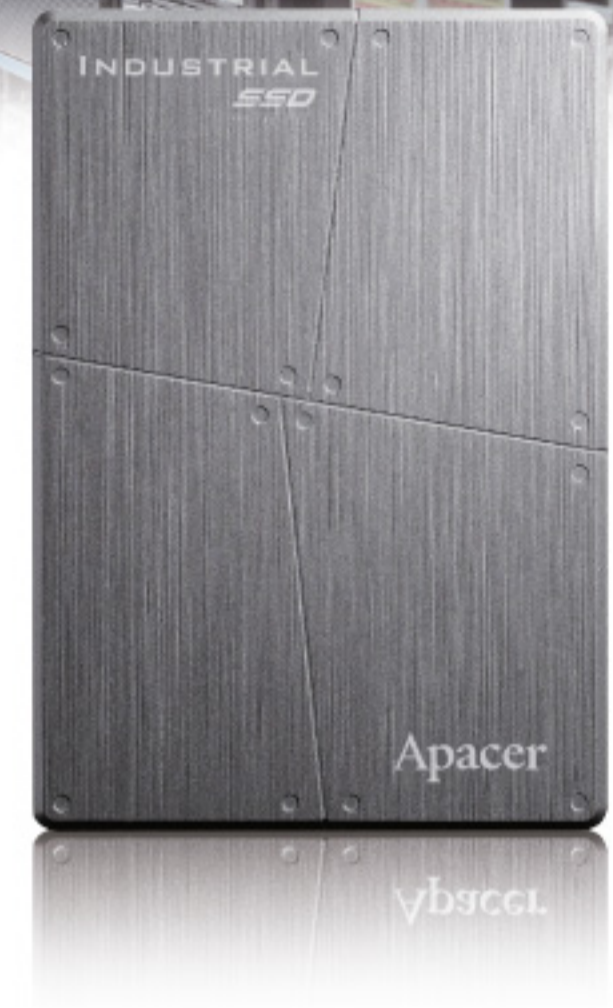
2.5" SATA SSD

SAFD

Serial ATA Flash Drive

Features

- Perfect replacement of 2.5" SATA HDDs
- Global wear-leveling and block management
- Built-in ATA secure erase and S.M.A.R.T. functions
- Trim command support
- MLC extended temperature support (Optional)
- High IOPs performance for enterprise servers or networking systems



Specifications

Model	SAFD25P	SAFD25P-M	SAFD25S-M	SAFD25A	SAFD25A-M
Interface	SATA 3Gb/s		SATA 6Gb/s	SATA 6Gb/s	
Connector	[7+15] pin male		[7+15] pin male	[7+15] pin male	
Physical Form Factor (Inch)	2.5		2.5	2.5	
Flash Type	SLC	MLC	MLC	SLC	MLC
Capacity	32GB~256GB	16GB~512GB	64GB~512GB	32GB~256GB	32GB~256GB
Max. R/W Performance (MB/sec)	265/230	260/220	Est. 500/500	Est. 480/400	Est. 480/350
IOPs (4K Random Write)	12K	10K	Est. 60K	Est. 85K	Est. 80K
ECC Support	16 or 24 bit/ 1K Bytes		55 bit/ 512 Bytes	40 bit/ 1K Bytes	
Standard Op. Temp. (C)	0~+70		0~+70	0~+70	
Extended Op. Temp. (C)	-40~+85	-40~+85*	-	-40~+85	-40~+85
Storage Temp. (C)	-40~+100		-40~+100	-40~+100	
Shock	1500G		1500G	1500G	
Vibration	15G		15G	15G	
Humidity	5%~95%		5%~95%	5%~95%	
MTBF (hours)	>2,000,000	>1,000,000	>1,000,000	>2,000,000	>1,000,000
Dimensions (mm)	100(L) x 69.8(W) x 9.3(T)				

* = Supports 32GB~256GB

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