

AFD

ATA Flash Drive



Features

- Perfect replacement of 1.8" / 2.5" PATA HDDs
- Advanced Wear-leveling and Block Management
- Built-in HW ECC, Quick Erase and SMART Functions
- Power Failure Recovery
- Purge Function for AFD 255 and AFD 18M-M
- Secured Protection Zone (Optional)

Specifications

Model	AFD III			AFD 4	
	AFD 183	AFD 253	AFD 253-M	AFD 255	AFD 18M-M
Model Type	AFD 183	AFD 253	AFD 253-M	AFD 255	AFD 18M-M
Interface	Standard ATA / IDE	Standard ATA / IDE	Standard ATA / IDE	Standard ATA/IDE	Standard ATA/ IDE
Connector	ZIF	44-pin male	44-pin male	44-pin male	ZIF
Physical Form Factor (Inch)	1.8	2.5	2.5	2.5	1.8
Flash Type	SLC	SLC	MLC	SLC	MLC
Capacity	1GB~32GB	256MB~64GB	8GB~128GB	1GB~128GB	4GB~64GB
Transfer Mode	PIO Mode-4 ; MWDMA Mode-2; UDMA Mode-4	PIO Mode-4 ; MWDMA Mode-2; UDMA Mode-4	PIO Mode-4 ; MWDMA Mode-2; UDMA Mode-4	PIO Mode-4; MWDMA Mode-2; UDMA Mode-6	PIO Mode-4; MWDMA Mode-2; UDMA Mode-6
Max. Sustained R / W Performance (MB / sec)	35 / 25	35 / 25	35 / 9	120/100(Est.)	85/20 (Est.)
ECC Support	8 bit / 512 Bytes	8 bit / 512 Bytes	8 bit / 512 Bytes	24 bit/ 1K Bytes	24 bit/ 1K Bytes
Standard Op Temp. (°C)	0 ~ +70	0 ~ +70	0 ~ +70	0~+70	0~+70
Extended Op Temp. (°C)	-40 ~ +85	-40 ~ +85	-	-40~+85	-
Storage Temp. (°C)	-40 ~ +100	-40 ~ +100	-40 ~ +100	-40~+100	-40~+100
Shock	50G	1,500G	1,500G	1500G	50G
Vibration	15G	15G	15G	15G	15G
Humidity	5% ~ 95%	5% ~ 95%	5% ~ 95%	5%~95%	5%~95%
MTBF (hours)	> 2,000,000	> 2,000,000	> 1,000,000	>2,000,000	>1,000,000
Dimensions (mm)	71(L)x54(W)x5(H)	100(L)x69.8(W)x9.3(H)	100(L)x69.8(W)x9.3(H)	100(L)x69.8(W)x9.3(H)	32(L)x54(W)x4.4(H)
Product Image					

PATA Interface |
 1.8"/2.5" (Inch) |
 128 GB Capacity Up to |
 ET Type |
 UDMA 6 Up to |
 SMART Enable |
 Security Function |
 ECC Built-in |
 RoHS Compliant