

iFD Series Specification

Item		iFD-2500	iFD-M250I	iFD-2500C(2500W)	iFD-2500I
Picture					
Part no.	-10°C~+70°C	IFD-2500I-xxx	IFD-M250I-xxx	IFD-2500CS-xxx/IFD-2500CD-xxx	IFD-2500IS-xxx
	-40°C~+85°C	IFD-2500W-xxx	N/A	IFD-2500WS-xxx/IFD-2500WD-xxx	N/A
Capacities		32 MB~8 GB	128 MB~8 GB	128 MB~8 GB	8 GB~128 GB
Interface		44-pin(2.0 mm) IDE/ATA		Serial ATA I	Serial ATA II
Transfer mode		PIO mode 0-4 MwDMA mode 0-2 UltraDMA mode 0-2	PIO mode 0-6 MwDMA mode 0-2 UltraDMA mode 0-4	N/A	N/A
Burst speed rate		66.6 MB/sec.	N/A	150 MB/sec.	300 MB/sec.
Data transfer rate(max.)		Read-30 MB/sec. Write-22 MB/sec.	Single: Read-18MB/sec. Write-7MB/sec. Dual: Read-38MB/sec. Write-18MB/sec.	Single: Read-20MB/sec. Write-20MB/sec. Dual: Read-30MB/sec. Write-30MB/sec.	Read-60 MB/sec. Write-40 MB/sec.
Storage temp.		-45°C~+95°C			
Humidity		10%~95% non-condensing			
Vibration		2 G(7~700 Hz)			
Shock		1500 G/0.5 ms			
ECC technology		High reliability based on the internal ECC function			
MTBF		>3,000,000 hours			
R/W endurance		2,000,000 times			
Wear-leveling		Support			
DC input voltage		+5V single power supply operation			
Enclosure material		Metal mechanical cover			
Dimensions		69.8x100.1x9.5 mm(WxLxH)		69.63x99.88x9.3 mm(WxLxH)	
Certificate		CE,FCC,ROHS			