

**IFD-180S/250S/350S****IFM-403/443****UFD-080**

1.8"/ 2.5"/ 3.5" IDE Flash Disk

USB Flash Disk

IDE Flash Disk Module

**IFD-180S/250S/350S****SPECIFICATIONS**

- ◆ Compatibility : Full IDE hard disk compatible
- ◆ IDE Controller: SanDisk

Model	Capacity (Unit : Mbyte)
IFD-180	16, 32, 64, 96, 128, 160, 192, 224, 256, 288, 320, 352, 384, 448, 512, 576, 640, 704, 768, 896, 1024, 1152, 1280, 1408, 1536
IFD-250	16, 32, 64, 96, 128, 160, 192, 224, 256, 288, 320, 352, 384, 448, 512, 576, 640, 704, 768, 896, 1024, 1152, 1280, 1408, 1536, 1664, 1792, 1920, 2048
IFD-350	16, 32, 64, 96, 128, 160, 192, 224, 256, 288, 320, 352, 384, 448, 512, 576, 640, 704, 768, 896, 1024, 1152, 1280, 1408, 1536, 1664, 1792, 1920, 2048

- ◆ Reliability : MTBF : > 1,000,000 hours,
- ◆ Data reliability : Built-in EDC/ECC function
- ◆ Endurance : Write/Erase: 1 Million cycles (typ.)  
Read : Unlimited
- ◆ System Performance : Access time : < 0.1ms, Track to track seek time : < 0.1ms, Bus transfer speed : 16.7Mbytes/Sec.
- ◆ Power Requirement : DC input; +5V±10%
- ◆ Operating Temperature : -10°C ~ 70°C
- ◆ Storage Temperature : -25°C ~ 85°C
- ◆ Humidity : 5 ~ 95% non-condensing
- ◆ Shock : 1,000G max.
- ◆ Vibration : 15G peak-to-peak max.
- ◆ Acoustic Noise : 0dB
- ◆ Altitude : 50,000 feet

For other capacity flash disk, please contact supplier

**ORDERING INFORMATION**

- IFD-180S-MB 1.8" IDE flash disk
  - IFD-250S-MB 2.5" IDE flash disk
  - IFD-350S-MB 3.5" IDE flash disk
- Capacity size of each flash disk

**IFM-403/443****SPECIFICATIONS**

- ◆ Compatibility : Full IDE hard disk compatible
- ◆ IDE Controller: SanDisk
- ◆ Capacity : 16MB, 32MB, 48MB(IFM-403 only), 64MB, 96MB, 128MB, 256MB, 384MB
- ◆ Connector : IFM-403 : 40-pin, 2.54mm pitch  
IFM-443 : 44-pin, 2.00mm pitch
- ◆ Reliability : MTBF : > 1,000,000 hours  
Data reliability : Built-in EDC/ECC function
- ◆ Endurance : Write/Erase: 1 Million cycles (typ.)  
Read : Unlimited
- ◆ System Performance : Access time : < 0.1ms  
Track to track seek time : < 0.1ms  
Bus transfer speed : 16.7Mbytes/Sec.

- ◆ Power Requirement : DC input; +5V ±10%
- ◆ Power Consumption (Typical):

Mode	@+3.3V±5%	@+5V±10%
Sleep	200µA	500µA
Read	21mA	34mA
Write	24mA	34mA

- ◆ Operating Temperature : -10°C~ 70°C
- ◆ Storage Temperature : -25°C ~ 85°C
- ◆ Humidity : 5 ~ 95% non-condensing
- ◆ Altitude : 50,000 feet
- ◆ Dimensions : 58(W) x 33(H) x 8.6(D)mm (IFM-401)  
51(W) x 31(H) x 6(D)mm (IFM-441)

**ORDERING INFORMATION**

- IFM-403-MB  
MB IDE flash disk module, 40-pin
  - IFM-443-MB  
MB IDE flash disk module, 44-pin
- Capacity size of each flash disk

**SPECIFICATIONS**

- ◆ 12Mbps Full-speed USB complies with version 1.1 standard
- ◆ Equipped with USB cable.
- ◆ Provide write protect switch function
- ◆ Provide LED indicator when USB Flash Disk is working.
- ◆ 32k byte internal ROM memory and Built-in dual 512 bytes FIFO Buffer for DMA data transfer
- ◆ Driver Support for Windows 98/98SE, without driver (default) to support Windows 2000, Windows ME, XP, and Mac OS 8.6/above, and Linux 2.4/above
- ◆ Endurance: Write/Erase: 1 Million cycles (typ.)

Read: Unlimited

- ◆ Acoustic Noise: 0dB
- ◆ Package: Complete plastic housing
- ◆ Power Temperature: -10°C ~ 70°C
- ◆ Storage Temperature: -25°C ~ 85°C
- ◆ Humidity: 9~95% non-condensing

**ORDERING INFORMATION**

- UFD-080- : (cap)MB USB flash disk  
cap : 128, 256, 384, 512, 640, 768, 896, 1GB