

Samsung SpinPoint F1 80GB HDD 3.5" 8 GB Serial ATA II

Brand : Samsung **Product family:** SpinPoint F1 **Product code:** HD083GJ

Product name : 80GB HDD

HD083GJ, HDD, 80GB, SATA II, 8MB, 7200rpm, 470g

Samsung SpinPoint F1 80GB HDD 3.5" 8 GB Serial ATA II:



Key Features

- Max. 334 GB Formatted Capacity per Disk
- Serial ATA 3.0 Gbps Interface Support
- Improved recording stability over temperature with PMR
- Advanced dynamic FOD control for best data integrity
- Intelligent compensation of external disturbance
- SATA Native Command Queuing Feature
- Device Initiated SATA Power Management
- Environment friendly product with RoHS compliance
- Rotational vibration sensor
- Improved performance with dual-ARM based firmware
- ATA S.M.A.R.T. Compliant
- ATA Automatic Acoustic Management Feature
- ATA 48-bit Address Feature
- ATA Device Configuration Overlay Feature
- NoiseGuard
- SilentSeek

Samsung SpinPoint F1 80GB HDD. HDD size: 3.5", HDD capacity: 8 GB, HDD speed: 7200 RPM

| Features | | Operational conditions | |
|-------------------------------|---------------|-----------------------------------|----------------|
| HDD size * | 3.5" | Storage temperature (T-T) | -40 - 70 °C |
| HDD capacity * | 8 GB | Operating relative humidity (H-H) | 5 - 90% |
| HDD speed * | 7200 RPM | Storage relative humidity (H-H) | 5 - 95% |
| Interface * | Serial ATA II | Operating altitude | -300 - 3000 m |
| Type * | HDD | Non-operating altitude | -300 - 12000 m |
| Storage drive buffer size | 8 MB | Operating shock | 70 G |
| Track to track seek time | 8.9 ms | Non-operating shock | 300 G |
| Average latency | 4.17 ms | Weight & dimensions | |
| Bytes per sector | 512 | Width | 101.5 mm |
| Power | | Height | 26.1 mm |
| Power consumption (standby) | 1 W | Depth | 147 mm |
| Power consumption (off) | 1 W | Weight | 470 g |
| Operating voltage | 5 / 12 V | Other features | |
| Start-up current | 2 A | Drive ready time | 8 s |
| Operational conditions | | | |
| Operating temperature (T-T) | 0 - 60 °C | | |

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