

Samsung Spinpoint M HM250JI- 250GB HDD 2.5" Serial ATA

Brand : Samsung

Product family: Spinpoint M

Product code: HM250JI

Product name : HM250JI-
250GB HDD



250GB Serial ATA I, 2.5" HDD

Samsung Spinpoint M HM250JI- 250GB HDD 2.5" Serial ATA:

Features:

- TuMR/PMR head with wireless suspension design.
- Serial ATA 1.5Gbps Interface Support.
- SATA Native Command Queuing Feature set.
- Device Initiated SATA Power Management.
- Fluid Dynamic Bearing Spindle Motor Technology.
- Load/Unload Head Technology.
- ATA Security Mode Feature Set.
- ATA SMART Feature Set.
- ATA Automatic Acoustic Management Feature Set.
- ATA Device Configuration Overlay Feature Set.
- Multi-Burst On-The-Fly Error Correction.
- SilentSeek™.
- Hybrid Latch System for Reliability and Quietness.

Samsung Spinpoint M HM250JI- 250GB HDD. HDD size: 2.5", HDD capacity: 250 GB, HDD speed: 5400 RPM

| Features | | Power | |
|-----------------------------------|------------|-----------------------------------|----------------|
| HDD size * | 2.5" | Operating voltage | 5 V |
| HDD capacity * | 250 GB | Operational conditions | |
| HDD speed * | 5400 RPM | Operating temperature (T-T) | 5 - 55 °C |
| Interface * | Serial ATA | Storage temperature (T-T) | -40 - 70 °C |
| Storage drive buffer size | 8 MB | Operating relative humidity (H-H) | 5 - 90% |
| Full stroke seek time | 22 ms | Storage relative humidity (H-H) | 5 - 95% |
| Track to track seek time | 2 ms | Operating altitude | -300 - 3000 m |
| Average seek time | 12 ms | Non-operating altitude | -300 - 15000 m |
| Average latency | 5.6 ms | Operating shock | 325 G |
| Bytes per sector | 512 | Non-operating shock | 1000 G |
| Mean time between failures (MTBF) | 330000 h | Other features | |
| Power | | Power requirements | +5V |
| Power consumption (typical) | 2 W | Acoustic pressure emissions | 2.4 dB |
| Power consumption (standby) | 0.25 W | Internal | ✓ |
| Power consumption (PowerSave) | 0.20 W | Drive ready time | 3.5 s |

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