



Imagine a hard drive that combines technology, performance and ecology ...

Samsung invented it for you with its range of hard drives that consume less energy and are much quieter than a conventional hard disk.

Features

- Capacity: 500 Gb
- Size: 2.5"
- Interface: Serial ATA 3.0 Gbps
- Buffer: 8 Mo
- 5400 RPM

Acoustics

- Idle: 24 dB
- Performance Seek: 26 dB

Performance

- Average Seek time (typical): 12 ms
- Average Latency: 5.6 ms
- Data Transfert Media to/from buffer: 145 Mo/s
- Data Transfert Buffer to/from Host: 300 Mo/s
- Drive Ready Time (typical): 4 s

Power Requirements

- Voltage: + 5 V \pm 5%
- Spin-up current: 1000 mA
- Seek (typical): 2 W
- Read/Write (typical): 2.2 W
- Idle: 0.7 W
- Standby (Typical): 0.2 W
- Sleep (Typical) : 0.2 W

Environmental specifications

- Operating: 0 ~ 55°C
- Non Operating: - 40 ~ 70°C
- Humidity Operating: 5 ~ 90%
- Humidity Non Operating: 5 ~ 95%
- Liner Shock Operating: 325 G
- Liner Shock Non Operating: 750 G
- Altitude Operating: - 300 up to 3000 m
- Altitude Non Operating: - 400 up to 15 000 m

Dimensions and Weight

- Dimensions: 9.5 x 69.9 x 100 mm
- Weight: 107 g

Reference

- HNM500MBB

Barcode

- 8806071322735



Features

- ↗ EcoTriangle
- ↗ SilentSeek
- ↗ NoiseGuard
- ↗ AFT Technology

From stylish phones to semiconductors, from DRAM to digital TVs, Samsung encompasses a variety of businesses that harness speed, creativity and efficiency to invent, develop and markets the products that are defining how we live today...

