

## Samsung Spinpoint M 160GB HDD 2.5" Ultra-ATA/100

**Brand :** Samsung      **Product family:** Spinpoint M      **Product code:** HM160HC  
**Product name :** 160GB HDD



2.5" HDD, PATA interface, buffer memory: 8MB, 5400RPM

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**Features:**

- 160GB formatted capacity
  - ultra ATA-100 interface
  - load/unload head technology
  - ATA smart feature set
  - ATA device configuration overlay feature set
  - SilentSeek™
  - TuMR head with wireless suspension design
  - fluid dynamic bearing spindle motor technology
  - ATA security mode feature set
  - ATA automatic acoustic management feature set
  - multi-burst on-the-fly error correction
  - hybrid latch system for reliability and quietness
- Samsung Spinpoint M 160GB HDD. HDD size: 2.5", HDD capacity: 160 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	160 GB	Storage temperature (T-T)	-40 - 70 °C
HDD speed *	5400 RPM	Operating relative humidity (H-H)	5 - 90%
Interface *	Ultra-ATA/100	Storage relative humidity (H-H)	5 - 95%
Type *	HDD	Operating altitude	-304.8 - 3048 m
Storage drive buffer size	8 MB	Non-operating altitude	-304.8 - 12192 m
Full stroke seek time	22 ms	Operating shock	325 G
Track to track seek time	2 ms	Non-operating shock	1000 G
Average seek time	12 ms	<b>Weight &amp; dimensions</b>	
Average latency	5.6 ms	Width	69.8 mm
Bytes per sector	512	Height	9.5 mm
<b>Power</b>		Depth	100 mm
Power consumption (typical)	2 W	Weight	96 g
Power consumption (standby)	0.25 W	<b>Other features</b>	
Power consumption (PowerSave)	0.10 W	Acoustic pressure emissions	2.6 dB
Operating voltage	5 V	Drive ready time	4 s

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