

## Seagate Pipeline HD SATA Mini 250GB 2.5" Serial ATA

**Brand :** Seagate

**Product family:** Pipeline HD

**Product code:** ST9250311CS

**Product name :** SATA Pipeline  
HD Mini 250GB



Pipeline HD Mini Series SATA - 250GB, 5400 RPM, 8MB, 110g

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- Quiet operation. Fluid Dynamic Bearing (FDB) motor.
- High instantaneous (burst) data rate 1.5 Gbits/sec default, 3.0 Gbit/sec available via Seagate specific SCT command.
- Perpendicular recording technology.
- State-of-the-art cache and on-the-fly error-correction algorithms.
- Native Command Queuing (NCQ) with command ordering.
- Full-track multiple-sector transfer capability without local processor intervention.
- 800 Gs nonoperating shock and 350 Gs of operating shock.
- The 3D Defense System™, which includes Drive Defense, Data Defense and Diagnostic Defense, offers the industry's most comprehensive protection for disc drives.
- Support for S.M.A.R.T. drive monitoring and reporting.
- Support for Read Multiple and Write Multiple commands.
- Support for ATA8 Streaming commands.
- Supports Power Up and Standby features.
- Supports Trusted Send/Receive Security Protocol.

Features		Operational conditions	
HDD size *	2.5"	Operating relative humidity (H-H)	5 - 95%
HDD capacity *	250 GB	Operating vibration	1 G
HDD speed *	5400 RPM	Non-operating vibration	5 G
Interface *	Serial ATA	Operating shock	350 G
Storage drive buffer size	8 MB	Non-operating shock	600 G
Full stroke seek time	30 ms	Weight & dimensions	
Track to track seek time	2 ms	Width	69.8 mm
Average seek time	14 ms	Height	9.5 mm
Average latency	5.6 ms	Depth	100.3 mm
Bytes per sector	512	Weight	110 g
Power		Other features	
Power consumption (standby)	0.35 W	Internal	✓
Power consumption (off)	0.35 W	Data transfer rate	1.5 Gbit/s
Operating voltage	5 V	Recording density	1490 kbit/inch
Operational conditions		Track density	265000
Operating temperature (T-T)	0 - 70 °C	Dimensions (W x D x H) (imperial)	69.8 x 100.5 x 9.5 mm (2.75 x 3.96 x 0.374")
Storage temperature (T-T)	-40 - 70 °C	Disks included quantity	1 pc(s)
		Weight (imperial)	0.11 kg (0.243 lbs)

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