

Hitachi Travelstar 80GB SATA 5400 RPM 2.5" Serial ATA

Brand : Hitachi

Product family: Travelstar

Product code:
HTS541680J9SA00



Product name : 80GB SATA
5400 RPM

80GB SATA 5400 RPM

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New technology exceeds expectations

Travelstar 5K160, Hitachi's first hard drive to use perpendicular magnetic recording (PMR), delivers superior technology and reliability. With capacities up to 160GB, industry-leading performance, low-power consumption and excellent shock resistance, Travelstar 5K160 has the key attributes to support the stringent demands of portable computing. Improved electronics design further reduces the power consumption of this 5400 RPM drive, which beats its industry-leading predecessor by 10%; the 5K160 also runs cooler than the competition. Hitachi has also implemented Thermal Fly-height Control (TFC) for improved error rates, and iridium-manganese-chromium (IrMnCr) read heads for improved reliability. Hitachi has done extensive testing to verify Travelstar 5K160's best-in-class standing, making it the "Super-perpendicular Drive."

Hitachi Travelstar 80GB SATA 5400 RPM. HDD size: 2.5", HDD capacity: 80 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	80 GB	Storage temperature (T-T)	-40 - 65 °C
HDD speed *	5400 RPM	Weight & dimensions	
Interface *	Serial ATA	Width	70 mm
Type *	HDD	Height	9.5 mm
Storage drive buffer size	128 MB	Depth	100 mm
HDD number of heads	2	Weight	95 g
Average seek time	11 ms	Other features	
Average latency	5.5 ms	Power requirements	+5 VDC (+/- 5%)
Bytes per sector	512	Internal	✓
Power		Maximum data transfer rate	540 Mbit/s
Operating voltage	5 V	Drive device, transfer rate	150 MB/s

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Publication date: 02-JAN-2024. Prints or copies of Information are only valid on the printed Publication date