

Hitachi Travelstar 40GB 5400 RPM 2.5" Ultra-ATA/100

Brand : Hitachi

Product family: Travelstar

Product code:
HTS541640J9AT00

Product name : 40GB 5400
RPM

40GB 5400RPM

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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 40GB 5400 RPM. HDD size: 2.5", HDD capacity: 40 GB, HDD speed: 5400 RPM

Features		Operational conditions	
HDD size *	2.5"	Operating temperature (T-T)	5 - 55 °C
HDD capacity *	40 GB	Storage temperature (T-T)	-40 - 65 °C
HDD speed *	5400 RPM	Weight & dimensions	
Interface *	Ultra-ATA/100	Width	70 mm
Type *	HDD	Height	9.5 mm
Storage drive buffer size	8 MB	Depth	100 mm
HDD number of heads	1	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	100 MB/s

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