




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI DESKSTAR 7K500. You'll find the answers to all your questions on the HITACHI DESKSTAR 7K500 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HITACHI DESKSTAR 7K500**  
**User guide HITACHI DESKSTAR 7K500**  
**Operating instructions HITACHI DESKSTAR 7K500**  
**Instructions for use HITACHI DESKSTAR 7K500**  
**Instruction manual HITACHI DESKSTAR 7K500**

**HITACHI**  
Inspire the Next

Hitachi Deskstar® 7K500  
3.5-INCH HARD DISK DRIVES



500GB | 7200 RPM | ATA 133

Seemingly Infinite Storage

**Highlights**

- > 500 GB of capacity
- > SATA 1.33 interface
- > Rotational Vibration Safeguard
- > "Smooth Stream" technology for enhanced video streaming
- > Optional low-power mode.

**Highlights**

- > Personal storage
- > DVD / HDD recorders
- > Digital video surveillance
- > Video editing arrays
- > Home NAS
- > Extreme PC Gaming

**Capacity Leadership**

The Deskstar 7K500 is the second generation Deskstar drive to enable the host system to optimize storage of data. This is achieved by Hitachi's Smooth Stream™ Technology which gives the host control over the drive's error recovery process. This important ATA-7 Standards feature fine tunes the Deskstar to record and play multiple standard definition and high definition video streams.

**Features and Benefits**

	Feature / Function	Benefits
Capacity	500GB	Highest capacity available in the industry * 56 hours of HDV broadcast, or * 125,000 high quality, 4 minute MP3 recordings
Performance	High interface transfer rates	Faster system boot-up
	Smooth Stream™ Technology	Improved performance for AV storage application
	Rotational Vibration Safeguard	Optimum performance in multi-disk systems
Reliability	ECC and CRC protection	Data integrity enhanced throughout cycle
	Low power mode	Reduces system head/cooling requirements
	Load / unload ramp	Enables industry-leading acoustics
	Internal thermal sensor	Protects user data when power is removed Improves data integrity

\*Actual storage may vary depending on the compression rate applied.

**Hitachi Quality and Service**

The Hitachi Deskstar 7K500 extends the company's long-standing tradition of performance and reliability leadership. Hitachi's standardized features in desktop solutions enable fast transfer rates, low power utilization and quiet acoustics.

Hitachi is dedicated to provide a breadth of hard disk drive solutions to satisfy all of today's demanding computing needs. Hitachi drives are backed by an array of technical support and services, which may include customer and integration assistance.

[www.hitachigst.com](http://www.hitachigst.com)



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<http://yourpdfguides.com/dref/2839485>

**Manual abstract:**

*This important ATA-7 Standards feature fine tunes the Deskstar to record and play multiple standard definition and high definition video streams Hitachi Quality and Service The Hitachi Deskstar 7K500 extends the company's long-standing tradition of performance and reliability leadership. Hitachi's standardized features in desktop solutions enable fast transfer rates, low power utilization and quiet acoustics. Hitachi is dedicated to provide a breadth of hard disk drive solutions to satisfy all of today's demanding computing needs. @ @Mbits/sec) Interface transfer rate (max. @ @ @ @ @ @ @ @ Deskstar® is a trademark of Hitachi Global Storage Technologies. @ @ @ @ Information is true as of the date of publication and is subject to change. Actual results may vary. This publication is for general guidance only. Photographs may show design models. 1 GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.*

*2 Buffer capacity includes 271 KB used for drive firmware. 3 Includes 0.3ms command overhead. 4 RoHS refers to the European Union Directive 2002/95/EC on the restriction of certain hazardous substances in electrical and electronic equipment Specific application environments such as temperature and duty cycle will affect the overall reliability rates. .*



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