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You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI DESKSTAR 7K160. You'll find the answers to all your questions on the HITACHI DESKSTAR 7K160 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 7K160
User guide HITACHI DESKSTAR 7K160
Operating instructions HITACHI DESKSTAR 7K160
Instructions for use HITACHI DESKSTAR 7K160
Instruction manual HITACHI DESKSTAR 7K160

HITACHI
Inspire the Next

Hitachi Deskstar® 7K160
3.5-INCH HARD DISK DRIVES



160GB and 80GB | 7200 RPM | Parallel ATA 133 and Serial ATA 3.0Gb/s
Sweet Spot Storage

Highlights

- > SATA 3.0 Gb/s and PATA 133 interface
- > 160GB and 80GB sweet spot capacities
- > Native Command Queuing for maximum data speeds
- > Thermal Monitoring and Fly Height Control for enhanced reliability
- > SMART Command Transport optimized response times

Applications

- > Desktop computers
- > Storage upgrades
- > PC gaming
- > Industrial automation

Serial ATA Features

- > 3.0Gb/s interface data rate
- > Native Command Queuing
- > Staggered spin up
- > Hot plug capability
- > Scalable performance
- > System improvements
- > Click connect connector

Deskstar 7K160

The Deskstar 7K160 builds on Hitachi's award winning tradition with new 160GB per platter areal density technology. Desktop personal computers demand highly efficient designs. The Deskstar 7K160 meets these design points and delivers the sweet spot capacities for today's business applications.

Features and Benefits

	Feature / Function	Benefits
Performance	High interface transfer rate	Faster system boot-up
	RAM buffer size	Quicker screen refreshes
Capacity	160GB and 80GB	Most popular capacity points
	Thermal Fly Height Control (THC)	Improves error rate
Reliability	Head load/unload	Protects disk during non-operation
		Reduces power during idle periods
	ECC and CRC protection	Data integrity enhanced throughout drive circuits
	SMART Command Transport (SCT)	Adaptive error correction
	Internal thermal sensor	Improves data integrity

Hitachi Quality and Service

The Hitachi Deskstar 7K160 extends on the company's reliability and performance leadership. Hitachi's standardized features in desktop and low duty cycle server solutions enable faster transfer rates, scalable performance and quicker boot up times.

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

www.hitachigst.com



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Manual abstract:

Hitachi is dedicated to providing a breadth of hard disk drive products to satisfy all of today's demanding computing needs. Hitachi hard drives are backed by an array of technical support and services which may include customer and integration service. Serial ATA Features > 3.0Gb/s interface data rate > Native Command Queuing > Staggered spin up > Hot plug capability > Scalable performance > System improvements > Click connect connector Deskstar7K160 The Deskstar 7K160 builds on Hitachi's award winning tradition with new 160GB per platter areal density technology. Desktop personal computers demand highly efficient designs. The Deskstar 7K160 meets these design points and delivers the sweet spot capacities for today's business applications.

www.hitachigst.com HitachiDeskstar®7K160 Product Modelnumbers Specifications Configuration Interface Capacity (GB) 1 Data heads (physical) Data disks Performance Data buffer 2 Rotational speed (rpm) Media transfer rate (max. Mbits/sec) Interface transfer rate (max.

@@A) Idle (W) PhysicalSize Height (max. mm) Width (mm) Depth (mm) Weight (max. @@@@ Specification revised 1/07. All rights reserved.

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@@@ 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 270 or less KB used for drive firmware. 3 Does not include command overhead 4 Low duty cycle, non mission-critical applications in PC, nearline and consumer electronics. @@electrical and electronic equipment. .



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