



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI TRAVELSTAR 5K120. You'll find the answers to all your questions on the HITACHI TRAVELSTAR 5K120 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HITACHI TRAVELSTAR 5K120
User guide HITACHI TRAVELSTAR 5K120
Operating instructions HITACHI TRAVELSTAR 5K120
Instructions for use HITACHI TRAVELSTAR 5K120
Instruction manual HITACHI TRAVELSTAR 5K120



120GB, 100GB, 80GB and 60GB | 5400 RPM | ATA-6 and SATA 1.5Gb/sec

Additional capacity options for notebook PC hard drives

Highlights

- > 60GB per platter, capacities up to 120GB
- > Based on proven technology
- > Improved power utilization
- > Improved performance
- > PATA and SATA models

Applications

- > Notebook systems
- > External storage
- > Gaming consoles
- > Portable video players

Expanded capacity with proven technology

Hitachi delivers the Travelstar 5K120, a 2.5-inch, 5400 RPM hard drive based on proven technology. The SK120 is a 60GB per platter product, offering storage capacities from 60 to 120GB. Travelstar 5K120 improves on the already best-of-breed low-power consumption of its predecessor while delivering improved performance. This drive brings together optimum design and parts commonality with a common manufacturing process to the Travelstar 4K120, which facilitates an evolutionary transition. Hitachi has also implemented iridium-manganese-chromium heads (IrMnCr) for improved reliability. Travelstar 5K120 is targeted at portable computing applications where the key capacity requirements fall within 60 and 120 GB. Hitachi has expanded its 5400 RPM line-up to satisfy the mobile storage needs of OEM and distribution customers.

Features and Benefits

Feature / Function	Benefits
Capacity Up to 120GB of storage 60GB, 80GB, 100GB models	*Capacity equivalent of 120 hours standard video, 43 movies, 30,000 4-min songs, or 60 games.
Performance 510MB/sec media transfer rate	Excellent application performance based on PCMark 05 testing
Reliability 300G operating shock 1000G non-operating shock 800,000 read/unload cycles IrMnCr read head	Exceptional ruggedness to withstand tougher handling and improve portability Protects user data Better performance and reliability
Acoustics FDB motor & design enhancements	Quietly audible operation
Power 0.55W low power idle (PLA) Enhanced Adaptive Battery Life Extender™ (ABLE)	Industry-leading power management implementation for low power and longer battery life
Interface Parallel ATA Serial ATA	ATA-6 Supports Native Command Queuing (NCQ)

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

Category Leadership

Hitachi has the broadest mobile product line in the industry. Travelstar 5K120 is its newest 2.5-inch hard drive based on reliable longitudinal magnetic recording technology. Hitachi has led the industry in driving portability with its focus on lowering power consumption, making drives operate more quietly and improving performance and shock robustness to support the most demanding applications. The SK120 continues that tradition while offering another capacity option. Travelstar 5K120 delivers the critical attributes to address mobile computing needs of the most demanding users.

Hitachi quality and service

Hitachi Travelstar mobile hard disk drives are designed to the highest quality standards and contain field-proven components. Hitachi provides worldwide technical support and integration services to enable global customers to bring their products to market quickly.

www.hitachigst.com



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Manual abstract:

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@@@Contact Hitachi GST for additional information. @@References in this publication to Hitachi Global Storage Technologies products, programs, or services do not imply that Hitachi Global Storage Technologies intends to make these available in all countries in which it operates. Product specifications provided are sample specifications and do not constitute a warranty. Information is true as of the date of publication and is subject to change.

Actual specifications for unique part numbers may vary.

Please visit the Support section of our website, www.hitachigst.com/support, for additional information on product specifications. @@.



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