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Seagate ST31000528AS

Seagate Barracuda 7200 1 TB Internal Hard Drive User Manual

Model: ST31000528AS

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Seagate Barracuda 7200 1 TB Internal Hard Drive (Model ST31000528AS). This 3.5-inch internal hard drive is designed for desktop computers, offering 1 TB of storage capacity, a 7200 RPM spindle speed, and a SATA 3Gb/s interface with 32 MB of cache. Please read this manual thoroughly before proceeding with installation or use.

2. Safety Information

- **Electrostatic Discharge (ESD) Protection:** Always handle the hard drive by its edges and avoid touching the circuit board or connector pins. Use an anti-static wrist strap or ground yourself by touching a metal object before handling the drive to prevent ESD damage.
- **Power Disconnection:** Ensure your computer is completely powered off and unplugged from the electrical outlet before installing or removing the hard drive.
- **Physical Handling:** Hard drives are delicate. Avoid dropping, jarring, or exposing the drive to excessive vibration.
- **Ventilation:** Ensure adequate airflow around the hard drive within your computer case to prevent overheating.

3. Package Contents

Your Seagate Barracuda 7200 1 TB Internal Hard Drive package typically includes:

- Seagate Barracuda 7200 1 TB Internal Hard Drive (Model ST31000528AS)
- Quick Start Guide (this document)

Note: SATA data cables, SATA power cables, and mounting screws are usually supplied with your computer case or motherboard and are not typically included with the hard drive.

4. Installation

4.1 Physical Installation

1. **Prepare Your System:** Power off your computer and unplug the power cord. Open the computer case.
2. **Locate a Drive Bay:** Identify an available 3.5-inch drive bay in your computer case.
3. **Mount the Drive:** Carefully slide the hard drive into the drive bay. Secure it with mounting screws on both sides of the drive bay.
4. **Connect Cables:**
    - Connect one end of a SATA data cable to the data port on the hard drive and the other end to an available SATA port on your motherboard.
    - Connect a SATA power cable from your power supply unit (PSU) to the power connector on the hard drive.
5. **Close Case and Power On:** Close your computer case, plug in the power cord, and power on your computer.

4.2 Initial Setup (Operating System)

After physical installation, your operating system needs to recognize and prepare the drive.

1. **BIOS/UEFI Check:** Enter your computer's BIOS/UEFI settings during startup (usually by pressing Del, F2, or F10). Verify that the new hard drive is detected. Save and exit.
2. **Initialize and Format:**
    - **Windows:** Open Disk Management (right-click 'This PC' or 'My Computer' > 'Manage' > 'Disk Management'). Locate the new drive, initialize it (GPT for 1TB or larger, MBR for smaller), create a new simple volume, and format it.
    - **macOS:** Open Disk Utility. Select the new drive, erase it, and choose a format (e.g., APFS or Mac OS Extended).
    - **Linux:** Use tools like GParted or `fdisk`/`mkfs` to partition and format the drive.

Figure 1: Internal view of a Seagate Barracuda 7200 1 TB hard drive. This image displays the internal structure of the Seagate Barracuda 7200 hard drive. Visible components include the shiny circular platter where data is stored, the read/write head arm positioned over the platter, and various electronic and mechanical parts that facilitate data access and storage.

5. Operating the Hard Drive

Once installed and formatted, your Seagate Barracuda hard drive functions like any other storage device in your system.

- **Data Storage:** Drag and drop files, save documents, install applications, and store media directly onto the drive.
- **Operating System Drive:** If installed as your primary drive, the operating system will boot from it.
- **Secondary Storage:** If used as a secondary drive, it provides additional space for your files and applications.

Your browser does not support the video tag.

Video 1: Seagate Barracuda Internal Hard Drives Overview. This video provides an overview of the Seagate Barracuda family of internal hard drives, highlighting their features and benefits for desktop storage needs. It showcases the Barracuda LP (Low Power), standard Barracuda, and Barracuda XT models, emphasizing aspects like energy efficiency, silent operation, various capacities, and high performance.

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6. Maintenance

- **Regular Backups:** Regularly back up important data to another storage device or cloud service. Hard drives can fail, and backups are crucial for data recovery.
- **Disk Health Monitoring:** Utilize S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) tools available in your operating system or third-party software to monitor the drive's health.
- **Defragmentation (HDD only):** For optimal performance on traditional hard drives, periodically defragment the drive. Solid State Drives (SSDs) do not require defragmentation.
- **Keep System Clean:** Ensure your computer's internal components, including the hard drive, are free from dust buildup to maintain proper cooling.

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7. Troubleshooting

7.1 Drive Not Detected

- **Check Cables:** Ensure both the SATA data and power cables are securely connected to the drive and the motherboard/PSU.
- **BIOS/UEFI Settings:** Verify that the drive is enabled and detected in your computer's BIOS/UEFI settings.
- **Power Supply:** Confirm your power supply unit has sufficient wattage and available SATA power connectors.
- **Driver Issues:** Ensure your motherboard's SATA controller drivers are up to date.

7.2 Slow Performance

- **Cable Integrity:** Try a different SATA data cable. A faulty cable can degrade performance.
- **Drive Health:** Check the drive's S.M.A.R.T. status for any warnings.
- **Fragmentation:** Defragment the drive if it's heavily fragmented.
- **Background Processes:** Close unnecessary applications or background processes that might be accessing the drive.

7.3 Unusual Noises

- Clicking, grinding, or repetitive noises often indicate a mechanical failure. Back up data immediately if possible and consider replacing the drive.

8. Specifications

Feature	Specification
Model Number	ST31000528AS
Digital Storage Capacity	1 TB (1000 GB)
Hard Disk Interface	SATA 3 Gb/s
Spindle Speed	7200 RPM
Cache	32 MB
Form Factor	3.5 Inches
Installation Type	Internal Hard Drive
Compatible Devices	Desktop
Product Dimensions	5.87 x 4 x 1.02 inches
Item Weight	1.4 pounds
Date First Available	April 1, 2009

9. Warranty and Support

For detailed warranty information and technical support, please refer to the official Seagate website. You can typically find support resources, driver downloads, and warranty claim procedures by visiting Seagate Support and searching for your specific model number (ST31000528AS).
Seagate also offers data recovery services and protection plans. For more information, visit the Seagate website or contact their customer service.

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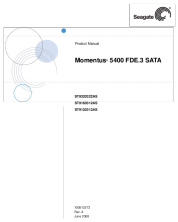
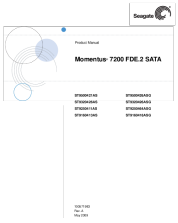
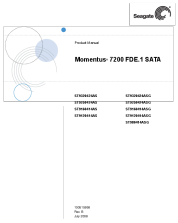
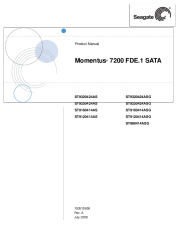
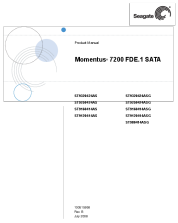
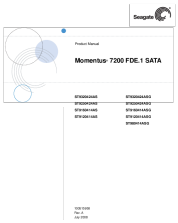
	Seagate Momentus 5400 FDE.3 SATA Product Manual Detailed product manual for Seagate Momentus 5400 FDE.3 SATA hard drives, covering specifications, features like Full Disc Encryption (FDE) and DriveTrust technology, installation, and compatibility.
	Seagate Momentus 7200 FDE.2 SATA Product Manual: Specifications and Features This product manual from Seagate details the functional, mechanical, and interface specifications for the Momentus 7200 FDE.2 SATA hard drives, highlighting features like Full Disc Encryption (FDE) and DriveTrust technology, along with configuration and compatibility information.
	Seagate Momentus 7200 FDE.1 SATA Hard Drive Manual and Specifications Comprehensive product manual detailing the functional, mechanical, and interface specifications for Seagate's Momentus 7200 FDE.1 SATA series of hard drives, featuring Full Disc Encryption (FDE) and DriveTrust technology.
	Seagate Momentus 7200 FDE.1 SATA Product Manual Detailed product manual for Seagate Momentus 7200 FDE.1 SATA hard drives, covering specifications, features like Full Disc Encryption (FDE) and DriveTrust technology, installation, compatibility, and support information.
	Seagate Momentus 7200 FDE.1 SATA Product Manual Comprehensive product manual detailing the specifications, features, and operational guidelines for Seagate Momentus 7200 FDE.1 SATA hard drives, including advanced security features like Full Disc Encryption (FDE) and DriveTrust technology.
	Seagate Momentus 7200 FDE.1 SATA Product Manual with Full Disc Encryption This product manual details the functional, mechanical, and interface specifications for Seagate Momentus 7200 FDE.1 SATA hard drives, including features like Full Disc Encryption (FDE) and DriveTrust technology, system requirements, and compatibility information.

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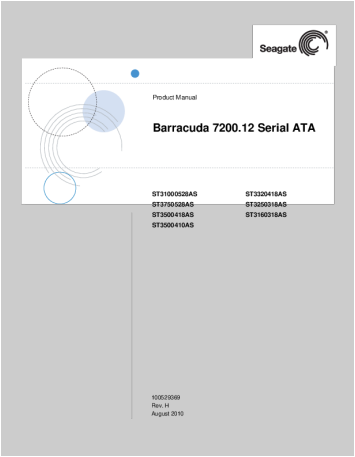

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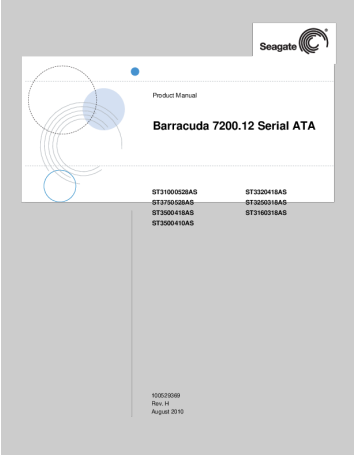

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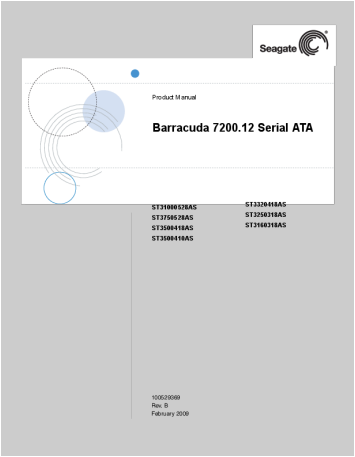

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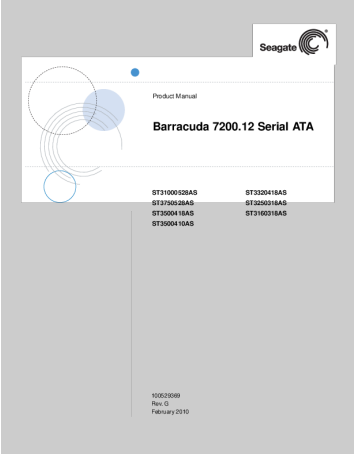

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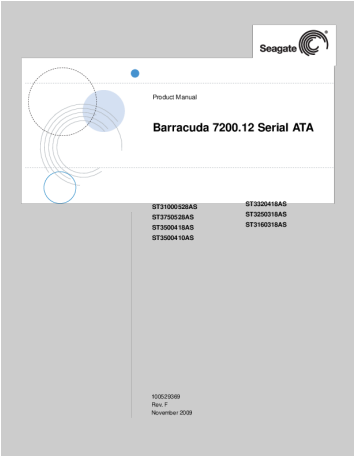

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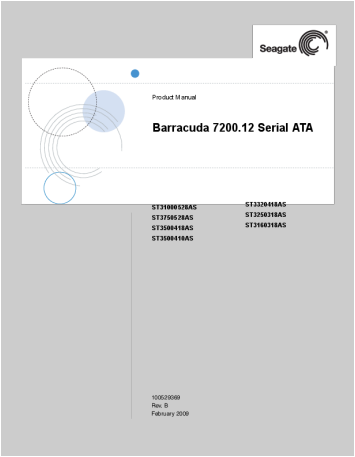

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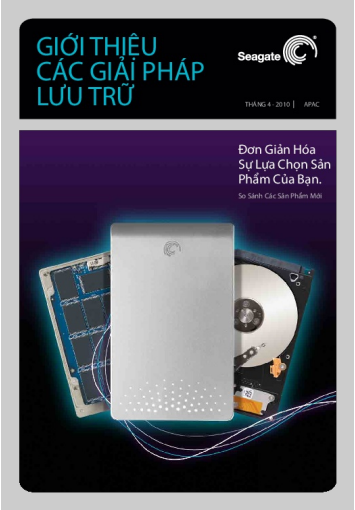

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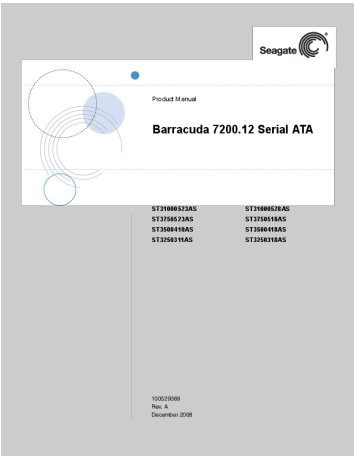

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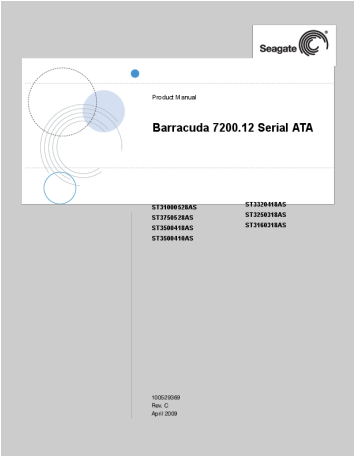

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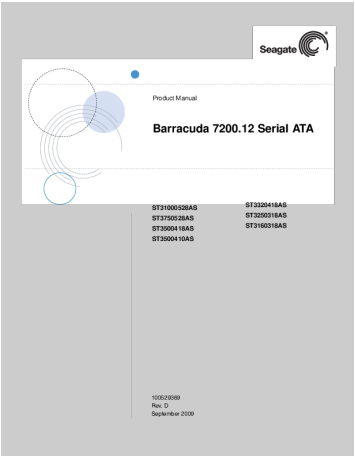

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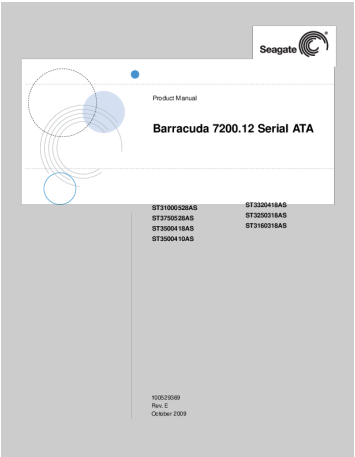

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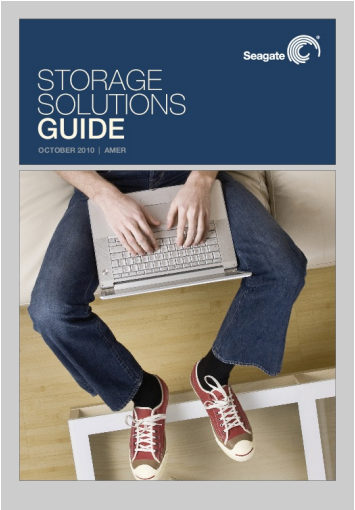

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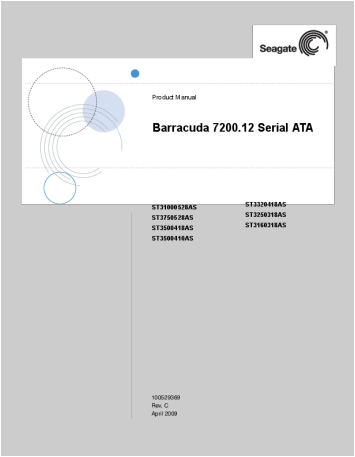

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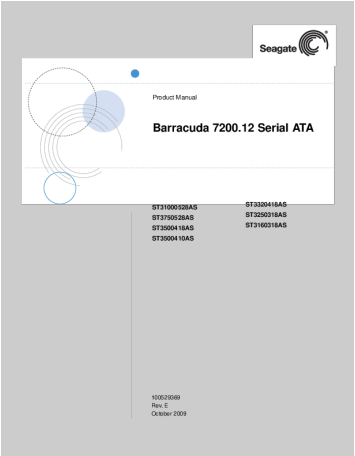

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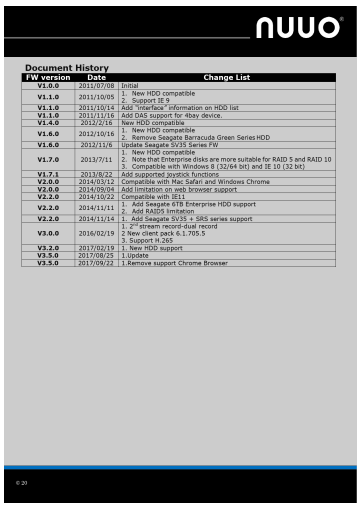
DNS-1200-05 Compatible HDD list Vendor Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi Hitachi Hit ... HDS723030ALA640 STM3160811AS STM3500320AS STM3750330AS HD753LJ ST3250410AS ST3750330AS ST31500341AS **ST31000528AS** ST3750640NS ST3500312CS ST31000340SV ST3320410SV ST3320620AS ST3200542AS ST32000641AS S...

lang:es score:24 filesize: 315.06 K page_count: 2 document date: 2011-05-12



NUUO

Document History

FW version	Date	Change List
V1.0.0	2011/07/08	Initial
V1.1.0	2011/10/05	1. New HDD compatible 2. Support IE 9
V1.1.0	2011/10/14	Add "interface" information on HDD list
V1.1.0	2011/11/16	Add DAS support for 4bay device.
V1.4.0	2012/2/16	New HDD compatible
V1.6.0	2012/10/16	1. New HDD compatible 2. Remove Seagate Barracuda Green Series HDD
V1.6.0	2012/11/6	Update Seagate SV35 Series FW
V1.7.0	2013/7/11	1. New HDD compatible 2. Note that Enterprise disks are more suitable for RAID 5 and RAID 10 3. Compatible with Windows 8 (32/64 bit) and IE 10 (32 bit)
V1.7.1	2013/8/22	Add supported joystick functions
V2.0.0	2014/03/12	Compatible with Mac Safari and Windows Chrome
V2.0.0	2014/09/04	Add limitation on web browser support
V2.2.0	2014/10/22	Compatible with IE11
V2.2.0	2014/11/11	1. Add Seagate 6TB Enterprise HDD support 2. Add RAID5 limitation
V2.2.0	2014/11/14	1. Add Seagate SV35 + SRS series support
V3.0.0	2016/02/19	1. 2nd stream record-dual record 2 New client pack 6.1.705.5 3. Support H.265
V3.2.0	2017/02/19	1. New HDD support
V3.5.0	2017/08/25	1.Update
V3.5.0	2017/09/22	1.Remove support Chrome Browser

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[pdf] User Manual Decleration of Conformity

NVRmini v1 Miranda Jubilance 2 Compatibility List NUUO version 3 release date 2017 09 Document History FW Date V1 2011 07 08 1 10 05 4 14 11 16 v3 1709 ftp nuuo NVRmini2 V3 DOC View 1709NVRmini NUUOftp DOCRemove Seagate Barracuda Green Series HDD 6 2012 Update ST1000DM003 1TB SATA 6Gb s LP ST32000542AS 2TB 3Gb NVRmini 16NVRmini ViewNVRmini 1709mininvr2 podporovana zarizeniNVRmini 1709ftp 1709nuuo cz stahuj nvr2 manual mininvr2 zarizeniftp |||

NVRmini 2 Compatibility List NUUO version 3.3.0_release date_2017.09 Document History FW version ... cuda LP Barracuda XT WD WD Caviar Black HDS723020BLA642 HDS723015BLA642 ST31500341AS ST3500320AS **ST31000528AS** ST3500413AS ST3500418AS ST3000DM001 ST2000DM001 ST1000DM003 ST32000542AS ST31500541AS S...

lang:en score:20 filesize: 418.26 K page_count: 6 document date: 2017-09-22

Seagate

Спецификация

Barracuda® 7200.12

Лучшая в отрасли сочетание емкости, производительности и надежности

1 ТБ, 750 ГБ, 500 ГБ, 320 ГБ, 250 ГБ, 160 ГБ • 7200 об/мин • Интерфейс SATA 3 Гбит/с с технологией NCQ

Основные преимущества

Рекомендуемые области применения

[pdf] Datasheet

ds barracuda 7200 12 seagate docs ru RU datasheet disc

Barracuda 7200.12 , 1 , 750 , 500 , 320 , 250 , 160 7200 / SATA 3 / NCQ , : 70 ... RAID- USB/FireWire/eSATA Barracuda 7200.12 , 1 1 750 1 500 1 **ST31000528AS** / / - / / / 12 A, 10 ...

lang:en score:19 filesize: 563.93 K page_count: 2 document date: 2009-03-31

Seagate

Barracuda® 7200.12

1 TB · 750 GB · 500 GB · 320 GB · 250 GB · 160 GB • 7200 RPM • SATA 3 Gb/秒 • 支援 NCQ

注意事項

[pdf] Datasheet

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Barracuda 7200.12 1 TB750 GB500 GB320 GB250 GB160 GB 7200 RPM SATA 3 Gb/ NCQ 70 RoHS ... s RPM / / 12V 10 C G 2 ms 1 ms - / / / / 1 TB1 **ST31000528AS** SATA 3 Gb/ NCQ 750 GB1 ST3750528AS SATA 3 Gb/ NCQ 500 GB1 ST3500418AS ST3500410AS SAT...

lang:it score:19 filesize: 345.12 K page_count: 2 document date: 2009-03-13

[pdf] Datasheet

ds barracuda 7200 12 seagate 80 staticfiles docs datasheet disc

Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and reliabi ... s bels sound power Idle Seek Physical Height in/mm Width in/mm Depth in/mm Weight lb/kg **ST31000528AS** SATA 3Gb/s NCQ 300 160 32 4.17 7200 512 50,000 1 per 10E14 0.34 2.0 11.6 12 8 ST37505...

lang:en score:19 filesize: 83.18 K page_count: 2 document date: 2008-12-18

[pdf] Specifications Datasheet

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Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and reliabi ... s bels sound power Idle Seek Physical Height in/mm Width in/mm Depth in/mm Weight lb/kg **ST31000528AS** SATA 3Gb/s NCQ 300 125 32 4.17 7200 512 50,000 1 per 10E14 0.34 2.0 9.4 5.0 ST37505...

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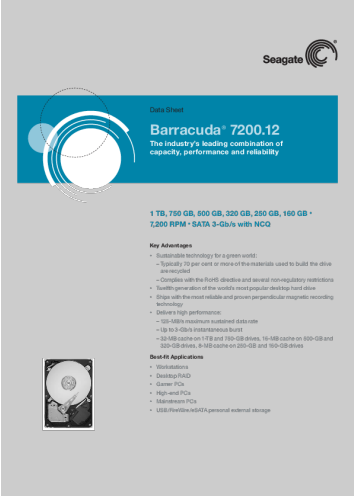

[pdf] Specifications Datasheet

ds barracuda 7200 12 seagate docs en GB datasheet disc

Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and reliabi ... d reliability Specifications 1 TB1 750 GB1 500 GB1 Model Number Interface Options Performance **ST31000528AS** SATA 3-Gb/s NCQ ST3750528AS SATA 3-Gb/s NCQ ST3500418AS ST3500410AS SATA 3-Gb/s NCQ ...

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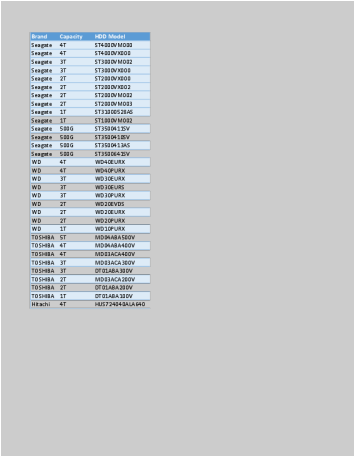

Brand	Capacity	HDD Model
Seagate	4T	ST4000VM000
Seagate	4T	ST4000VX000
Seagate	3T	ST3000VM002
Seagate	3T	ST3000VX000
Seagate	2T	ST2000VX000
Seagate	2T	ST2000VX002
Seagate	2T	ST2000VM002
Seagate	2T	ST2000VM003
Seagate	1T	ST31000528AS
Seagate	1T	ST1000VM002
Seagate	500G	ST3500411SV
Seagate	500G	ST3500413SV
Seagate	500G	ST3500413AS
Seagate	500G	ST3500641SV
WD	4T	WD40EURX
WD	4T	WD40PURX
WD	3T	WD30EURX
WD	3T	WD30PURX
WD	2T	WD20EVDS
WD	2T	WD20EURX
WD	2T	WD20PURX
WD	1T	WD10PURX
TOSHIBA	5T	MD04ABA500V
TOSHIBA	4T	MD04ABA400V
TOSHIBA	4T	MD03ACA400V
TOSHIBA	3T	MD03ACA300V
TOSHIBA	3T	DT01ABA300V
TOSHIBA	2T	MD03ACA200V
TOSHIBA	2T	DT01ABA200V
TOSHIBA	1T	DT01ABA100V
Hitachi	4T	HUS724040ALA640

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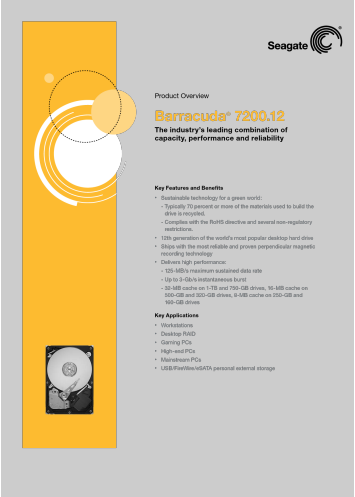
Paul Feng Brand Capacity HDD Model Seagate 4T ST4000VM000 ST4000VX000 3T ST3000VM002 ST3000VX000 2T LT Security Inc ST2000VX000 ST2000VX002 LTD7200 ltsecurityinc upload hdd |||

Brand Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagat ... del ST4000VM000 ST4000VX000 ST3000VM002 ST3000VX000 ST2000VX000 ST2000VX002 ST2000VM002 ST2000VM003 **ST31000528AS** ST1000VM002 ST3500411SV ST3500410SV ST3500413AS ST3500641SV WD40EURX WD40PURX WD30EURX ...

lang:af score:19 filesize: 184.49 K page_count: 2 document date: 2015-11-20



Seagate

Product Overview

Barracuda® 7200.12

The industry's leading combination of capacity, performance and reliability

Key Features and Benefits

- Sustainable technology for a green world:
  - Typically 70 percent or more of the materials used to build the drive is recycled.
  - Complies with the RoHS directive and several non-regulatory restrictions.
- 12th generation of the world's most popular desktop hard drive
- Ships with the most reliable and proven perpendicular magnetic recording technology
- Delivers high performance:
  - 125-MB/s maximum sustained data rate
  - Up to 3-Gb/s instantaneous burst
  - 32-MB cache on 1-TB and 750-GB drives, 16-MB cache on 500-GB and 320-GB drives, 8-MB cache on 250-GB and 160-GB drives

Key Applications

- Workstations
- Desktop RAID
- Gaming PCs
- High-end PCs
- Mainstream PCs
- USB/FireWire/eSATA personal external storage

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seagate st31000528as barracuda 7200 12 1 tb 7200rpm sata 3 gb s 32 mb cache hard drive storage 2 cdn2 manualios view 718834 |||

Product Overview Barracuda 7200.12 The industry s leading combination of capacity, performance and reliability Key Features and Benefits Sustainable technology for a green world: - Typically 70 percent or more of the materials used to build the drive is recycled. - Complies with the RoHS directive ...

lang:en score:19 filesize: 60.23 K page_count: 2 document date: 2015-05-22

Seagate

Scheda tecnica

Barracuda® 7200.12

La migliore combinazione di capacità, prestazioni e affidabilità nel settore

1 TB, 750 GB, 500 GB, 320 GB, 250 GB, 160 GB • 7.200 giri/min • SATA da 3 Gbit/s con NCQ

Vantaggi principali

- Tecnologia sostenibile, nel rispetto dell'ambiente:
  - Oltre il 70% dei materiali impiegati per la produzione delle unità generalmente riciclabili
  - Compatibilità con la Direttiva RoHS e molte altre restrizioni non obbligatorie ai sensi di legge
- Dodicesima generazione della famiglia di unità disco per desktop più famosa al mondo
- Fornita con la tecnologia di registrazione magnetica perpendicolare più affidabile e collaudata
- Alte prestazioni
  - Velocità massima di trasferimento dei dati continuativo pari a 125 MB/s
  - Velocità di trasferimento dei dati immediata (burst) fino a 3 Gbit/s
  - Cache di 32 MB su unità da 1 TB e 750 GB, cache di 16 MB su unità da 500 e 320 GB e cache di 8 MB su unità da 250 e 160 GB

Applicazioni ideali

- Workstation
- RAID desktop
- PC di gioco
- PC di fascia alta
- PC mainstream
- Dispositivi di memorizzazione esterna USB/FireWire/eSATA per uso personale

[pdf] Datasheet

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Scheda tecnica Barracuda 7200.12 La migliore combinazione di capacit, prestazioni e affidabilit nel ... nel settore Specifiche 1 TB1 750 GB1 500 GB1 Numero modello Opzioni di interfaccia Prestazioni **ST31000528AS** SATA da 3 Gbit/s con NCQ ST3750528AS SATA da 3 Gbit/s con NCQ ST3500418AS ST3500410AS...

lang:it score:19 filesize: 464.58 K page_count: 2 document date: 2009-03-30

Seagate

Veri Dosyası

Barracuda® 7200.12

Kapasite, performans ve güvenilirliğin birleşiminde endustri lideri

1 TB, 750 GB, 500 GB, 320 GB, 250 GB, 160 GB • 7200 devir / dakika • SATA 3 GB/sn ile NCQ

Önemli Avantajlar

- Çevre dostu bir dünya için sürdürülebilir teknoloji:
  - Diski üretmek için bu kanıtlan malzemelerin genellikle yüzde 70 veya daha fazlası, geri dönüştürülmüştür.
  - RoHS direktifine ve remsimsmayan binden fazla kısıtlamaya uygundur.
- Dünyanın en popüler masaüstü sabit diskinin 12. nesli.
- En güvenilir veri aktarımı dikey manyetik kaydı teknoloji ile sunular;
- Yüksek performans sunar:
  - 120 Milyon maksimum yürütülebilir veri hızı,
  - Maksimum 3 GB/sn anlık patlama,
  - 1 TB ve 700 GB diski kendi 32 MB önbellek, 500 ve 320 GB diski kendi 16 MB önbellek, 250 ve 160 GB diskinde 8 MB önbellek.

Ideal Uygulamalar

- İş istasyonları;
- Masaüstü RAID;
- Oyun PC'leri;
- Ev dalgıç PC'leri;
- Genel amaçlı PC'ler;
- USB/FireWire/SATA kişisel harici depolama.

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Veri Dosyasi Barracuda 7200.12 Kapasite, performans ve gvenilirliin birleiminde endstri lideri 1 TB, ... ndstri lideri Teknik zellikler 1 TB1 750 GB1 500 GB1 320 GB1 250 GB1 160 GB1 Model Numarasi **ST31000528AS** ST3750528AS ST3500418AS ST3500410AS Arabirim Seenekleri SATA 3 GB/sn NCQ SATA 3 GB...

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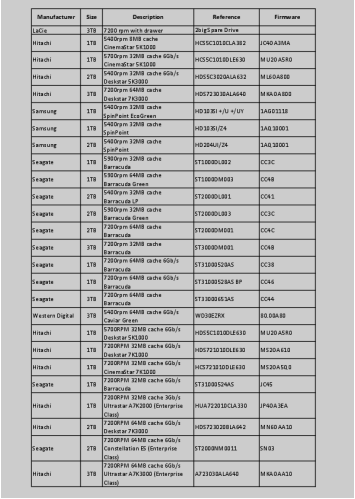

Manufacturer	Size	Description	Reference	Firmware
LaCie	3TB	7200 rpm with drawer	2big Spare Drive	
Hitachi	1TB	5400rpm 8MB cache CinemaStar 5K1000	HCS5C1010CLA382	JC40A3MA
Hitachi	1TB	5700rpm 32MB cache 6Gb/s CinemaStar 5K1000	HCS5C1010DLE630	MJ20A5R0
Hitachi	2TB	5400rpm 32MB cache 6Gb/s Desktar 5K3000	HDS5C3020ALA632	ML6OA800
Hitachi	3TB	7200rpm 64MB cache Desktar 7K3000	HDS723030ALA640	MKAOA800
Samsung	1TB	5400rpm 32MB cache SpinPoint EcoGreen	HD103SI +/U +/UY	1AG01118
Samsung	1TB	5400rpm 32MB cache SpinPoint	HD103SJ/24	1AQ10001
Samsung	2TB	5400rpm 32MB cache SpinPoint	HD204UI/24	1AQ30001
Seagate	1TB	5900rpm 32MB cache Barracuda	ST1000DL002	CC3C
Seagate	1TB	5900rpm 64MB cache Barracuda Green	ST1000DM003	CC48
Seagate	2TB	5400rpm 32MB cache Barracuda LP	ST2000DL001	CC41
Seagate	2TB	5900rpm 32MB cache Barracuda Green	ST2000DL003	CC3C
Seagate	2TB	7200rpm 64MB cache Barracuda	ST2000DM001	CC4C
Seagate	3TB	7200rpm 32MB cache Barracuda	ST3000DM001	CC48
Seagate	1TB	7200rpm 64MB cache 6Gb/s Barracuda	ST31000520AS	CC38
Seagate	1TB	7200rpm 64MB cache 6Gb/s Barracuda	ST31000528AS BP	CC46
Seagate	3TB	7200rpm 64MB cache Barracuda	ST33000651AS	CC44
Western Digital	3TB	5400rpm 64MB cache 6Gb/s Caviar Green	WD30EZRX	80.00A80
Hitachi	1TB	5700RPM 32MB cache 6Gb/s Desktar 5K1000	HDS5C1010DLE630	MJ20A5R0
Hitachi	1TB	7200RPM 32MB cache 6Gb/s Desktar 7K1000	HDS721010DLE630	MS20A610
Hitachi	1TB	7200RPM 32MB cache 6Gb/s CinemaStar 7K1000	HCS721010DLE630	MS20A5L0
Seagate	1TB	7200RPM 32MB cache 6Gb/s Barracuda	ST31000524AS	JC45
Hitachi	1TB	7200RPM 32MB cache 3Gb/s Ultrastar A7K2000 (Enterprise Class)	HUA722010CLA330	JP40A3EA
Hitachi	2TB	7200RPM 64MB cache 6Gb/s Desktar 7K3000	HDS723020BLA642	MN60AA10
Seagate	2TB	7200RPM 64MB cache 6Gb/s Cendellation ES (Enterprise Class)	ST2000NM0011	SN03
Hitachi	3TB	7200RPM 64MB cache 6Gb/s Ultrastar A7K3000 (Enterprise Class)	A7J303BALA640	MKAOAA10

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AF Marcotec GmbH Rücksendeformular Hitachi 2TB HDS723020BLA642 MN6OAA10 Seagate ST2000NM0011 HDS5C3020ALA632 ML6OA800 3TB HDS723030ALA640 MKAOA800 Lacie 5big supported HDDs marcotec shop pub media |||

Manufacturer LaCie Hitachi Hitachi Hitachi Hitachi Samsung Samsung Samsung Seagate Seagate Seagate S ... /Z4 HD204UI/Z4 ST1000DL002 ST1000DM003 ST2000DL001 ST2000DL003 ST2000DM001 ST3000DM001 ST31000520AS **ST31000528AS** BP ST33000651AS WD30EZRX HDS5C1010DLE630 HDS721010DLE630 HCS721010DLE630 ST31000524AS H...

lang:de score:19 filesize: 842.38 K page_count: 2 document date: 2013-11-20

Seagate

Datenblatt

Die Barracuda® 7200.12

Die branchenweit führende Kombination aus Kapazität, Leistung und Zuverlässigkeit

1 TB, 750 GB, 500 GB, 320 GB, 250 GB, 160 GB • 7.200 U/min • SATA mit 3 Gbit/s mit NCQ

Wichtigste Vorteile

- nachhaltige Technologie für eine saubere Umwelt
  - In der Regel werden mindestens 70 % der bei der Festplattenfertigung eingesetzten Materialien wiederverwertet.
  - Sie erfüllt die Richtlinie RoHS und mehrere nicht gesetzlich vorgeschriebene Vorgaben.
- Sie ist die 12. Generation der weltweit beliebtesten Desktop-Festplatte.
- Sie bietet die hochzuverlässige und bewährte vertikale Aufzeichnung.
- große Leistung:
  - 120 MB/s maximal erhaltender Datendurchsatz
  - verzögerungsfreie (Burst-)Datenübertragungsrate von bis zu 3 Gbit/s
  - 32 MB Cache auf Festplatten mit 1 TB und 750 GB, 16 MB Cache auf Festplatten mit 500 GB und 320 GB, 8 MB Cache auf Festplatten mit 250 GB und 160 GB

Optimale Einsatzbereiche

- Workstations
- Desktop-RAID
- Spiele-PCs
- Highend-PCs
- Standard-PCs
- externe USB-, FireWire- und eSATA-Festplatten

[pdf] Datasheet

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Datenblatt Die Barracuda 7200.12 Die branchenweit führende Kombination aus Kapazitt, Leistung und Zuv ... aus Kapazitt, Leistung und Zuverlssigkeit Technische Daten 1 TB1 750 GB1 500 GB1 Modellnummer **ST31000528AS** ST3750528AS Schnittstellenoptionen Leistung SATA mit 3 Gbit/s und NCQ SATA mit 3 Gb...

lang:de score:19 filesize: 464.05 K page_count: 2 document date: 2009-03-30

[pdf] Datasheet

Datasheet Seagate Desktop HDD 7200 12 SATA 250GB 3 5inch RedShell 22333884 8727 s icecat biz |||

Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and reliabi ... s bels sound power Idle Seek Physical Height in/mm Width in/mm Depth in/mm Weight lb/kg **ST31000528AS** SATA 3Gb/s NCQ 300 125 32 4.17 7200 512 50,000 1 per 10E14 0.34 2.0 9.4 5.0 ST37505...

lang:en score:18 filesize: 83.88 K page_count: 2 document date: 2009-02-09

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Fiche technique Barracuda 7200.12 Le meilleur rapport capacit, performances et fiabilit de sa catgor ... tgorie Caractristiques 1 To1 750 Go1 500 Go1 Rfrence de modle Options d interface Performances **ST31000528AS** SATA 3 Gbits/s NCQ ST3750528AS SATA 3 Gbits/s NCQ ST3500418AS ST3500410AS SATA 3 Gbit...

lang:fr score:18 filesize: 464.75 K page_count: 2 document date: 2009-03-31

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Ficha tcnica Barracuda 7200.12 La combinacin de fiabilidad, rendimiento y capacidad lder en el secto ... TB1 750 GB1 500 GB1 320 GB1 250 GB1 160 GB1 N de modelo Opciones de la interfaz Rendimiento **ST31000528AS** ST3750528AS ST3500418AS ST3500410AS ST3320418AS ST3250318AS ST3160318AS SATA a 3 ...

lang:es score:18 filesize: 463.68 K page_count: 2 document date: 2009-03-31

Seagate

Data Sheet

Barracuda® 7200.12

The industry's leading combination of capacity, performance and reliability

1 TB, 750 GB, 500 GB, 320 GB, 250 GB, 160 GB • 7200 RPM • SATA 3Gb/s with NCQ

Key Advantages

- Sustainable technology for a green world:
  - Typically 70 percent or more of the materials used to build the drive is recycled.
  - Complies with the RoHS directive and several non-regulatory restrictions.
- 12th generation of the world's most popular desktop hard drive
- Ships with the most reliable and proven perpendicular magnetic recording technology
- Delivers high performance:
  - 128-MB/s maximum sustained data rate
  - Up to 3-Gb/s instantaneous burst
  - 32-MB cache on 1-TB and 750-GB drives, 16-MB cache on 500-GB and 320-GB drives, 8-MB cache on 250-GB and 160-GB drives

Best-Fit Applications

- Workstations
- Desktop RAID
- Gamer PCs
- High-end PCs
- Mainstream PCs
- USB/FireWire/SATA personal external storage

[pdf] Specifications Datasheet

Datasheet Seagate Desktop HDD 7200 12 320GB 3 5inch SATA Refurbished RedShell 22385729 6781 s icecat biz |||

Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and reliabi ... s bels sound power Idle Seek Physical Height in/mm Width in/mm Depth in/mm Weight lb/kg **ST31000528AS** SATA 3Gb/s NCQ 300 125 32 4.17 7200 512 50,000 1 per 10E14 0.34 2.0 9.4 5.0 ST37505...

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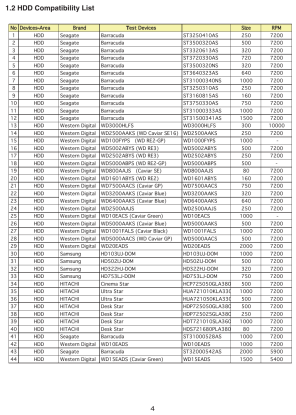

1.2 HDD Compatibility List

No	Devices-Area	Brand	Test Devices		Size	RPM
1	HDD	Seagate	Barracuda	ST3250410AS	250	7200
2	HDD	Seagate	Barracuda	ST3500320AS	500	7200
3	HDD	Seagate	Barracuda	ST3320613AS	320	7200
4	HDD	Seagate	Barracuda	ST3720330AS	720	7200
5	HDD	Seagate	Barracuda	ST3500320NS	320	7200
6	HDD	Seagate	Barracuda	ST3640323AS	640	7200
7	HDD	Seagate	Barracuda	ST31000340NS	1000	7200
8	HDD	Seagate	Barracuda	ST3250310AS	250	7200
9	HDD	Seagate	Barracuda	ST3160815AS	160	7200
10	HDD	Seagate	Barracuda	ST3750330AS	750	7200
11	HDD	Seagate	Barracuda	ST31000333AS	1000	7200
12	HDD	Seagate	Barracuda	ST31500341AS	1500	7200
13	HDD	Western Digital	WD3000HLFS	WD3000HLFS	300	10000
14	HDD	Western Digital	WD2500AAKS (WD Caviar SE16)	WD2500AAKS	250	7200
15	HDD	Western Digital	WD1000FYPS - (WD RE2-GP)	WD1000FYPS	1000	
16	HDD	Western Digital	WD5002ABYS (WD RE3)	WD5002ABYS	500	7200
17	HDD	Western Digital	WD2502ABYS (WD RE3)	WD2502ABYS	250	7200
18	HDD	Western Digital	WD5000ABPS (WD RE2-GP)	WD5000ABPS	500	
19	HDD	Western Digital	WD800AAJS (Caviar SE)	WD800AAJS	80	7200
20	HDD	Western Digital	WD1601ABYS (WD RE2)	WD1601ABYS	160	7200
21	HDD	Western Digital	WD7500AAKS (Caviar GP)	WD7500AAKS	750	7200
22	HDD	Western Digital	WD3200AAKS (Caviar Blue)	WD3200AAKS	320	7200
23	HDD	Western Digital	WD6400AAKS (Caviar Blue)	WD6400AAKS	640	7200
24	HDD	Western Digital	WD2500AAJS	WD2500AAJS	250	7200
25	HDD	Western Digital	WD10EACS (Caviar Green)	WD10EACS	1000	
26	HDD	Western Digital	WD5000AAKS (Caviar Blue)	WD5000AAKS	500	7200
27	HDD	Western Digital	WD1001FALS (Caviar Black)	WD1001FALS	1000	7200
28	HDD	Western Digital	WD5000AAKS (WD Caviar GP)	WD5000AAKS	500	7200
29	HDD	Western Digital	WD20EADS	WD20EADS	2000	7200
30	HDD	Samsung	HD103UJ-DOM	HD103UJ-DOM	1000	7200
31	HDD	Samsung	HDS502J-DOM	HDS502J-DOM	500	7200
32	HDD	Samsung	HDS320HJ-DOM	HDS320HJ-DOM	320	7200
33	HDD	Samsung	HD753LJ-DOM	HD753LJ-DOM	750	7200
34	HDD	HITACHI	Cinema Star	HCP725050GLA380	500	7200
35	HDD	HITACHI	Ultra Star	HUA721010KLA330	1000	7200
36	HDD	HITACHI	Ultra Star	HUA721050KLA330	500	7200
37	HDD	HITACHI	Desk Star	HDP725050GLA380	500	7200
38	HDD	HITACHI	Desk Star	HDP725025GLA380	250	7200
39	HDD	HITACHI	Desk Star	HDT721010SLA360	1000	7200
40	HDD	HITACHI	Desk Star	HDS721680PLA380	80	7200
41	HDD	Seagate	Barracuda	ST31000528AS	1000	7200
42	HDD	Western Digital	WD10EADS	WD10EADS	1000	7200
43	HDD	Seagate	Barracuda	ST32000542AS	2000	5900
44	HDD	Western Digital	WD15EADS (Caviar Green)	WD15EADS	1500	5400

4

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N2BR1 NC1 mika bjorksten 1 2 HDD Compatibility List InetSeagate Barracuda ST3250410AS 250 7200 Seagate ST3500320AS 500 Ultra Star HUA721010KLA330 1000 36 HITACHI4303768 1cdn inet se 4303768 |||

1.2 HDD Compatibility List No Devices-Area 1 HDD 2 HDD 3 HDD 4 HDD 5 HDD 6 HDD 7 HDD ... 380 HUA721010KLA330 HUA721050KLA330 HDP725050GLA380 HDP725025GLA380 HDT721010SLA360 HDS721680PLA380 **ST31000528AS** WD10EADS ST32000542AS WD15EADS Size 250 500 320 720 320 640 1000 250 160 750 1000 1500...

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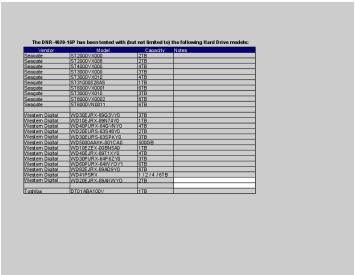

The DNR-4020-16P has been tested with (but not limited to) the following Hard Drive models:

Vendor	Model	Capacity	Notes
Seagate	ST2000VX008	2TB	
Seagate	ST4000VX000	4TB	
Seagate	ST3000VX000	3TB	
Seagate	ST3000VX010	3TB	
Seagate	ST6000VX0001	6TB	
Seagate	ST8000VX0002	8TB	
Seagate	ST10000VN0004	10TB	
Seagate	ST12000VN0007	12TB	
Seagate	ST14000VN0008	14TB	
Seagate	ST16000VN001	16TB	
Seagate	ST18000VN001	18TB	
Western Digital	WD30EJRX-89G3Y0	3TB	
Western Digital	WD10EJRX-89N74Y0	1TB	
Western Digital	WD40PURX-64GVNY0	4TB	
Western Digital	WD20EURS-63S6Y0	2TB	
Western Digital	WD10EURX-63ER1Y0	1TB	
Western Digital	WD5000AAKX-001CA0	500GB	
Western Digital	WD10EJRX-89F1Y0	1TB	
Western Digital	WD20EJRX-89G2Y0	2TB	
Western Digital	WD30EJRX-89F5Y0	3TB	
Western Digital	WD60EFRX-68MT0N1	6TB	
Western Digital	WD80EJRX-89N8Y0	8TB	
Western Digital	WD120EFBX-68B0N0	12TB	5.4 / 7.2 RPM
Western Digital	WD200EJRZ-89N8XV0	20TB	
Toshiba	DT01ABA100V	1TB	

[pdf]

DNR-4020-16P_FW_V1 00 24_HDD_Compatibility_List-20210312 xls ilya files dlink au products DNR-4020-16P REV The has been tested with (but not limited to) the following Hard Drive models: Vendor Seagate DNR-4020-16P_Hard_Drive_Compatibility_List-20210312 REV_A SetupGuides Model Capacity Notes Western Digital WD30EJRX-89G3VY0 3TB WD10EJRX-89N74Y0 1TB WD40PURX-64GVNY0 4TB ST2000VX000 2TB

The DNR-4020-16P has been tested with but not limited to the following Hard Drive models: Vendor Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Seagate Model ST2000VX000 ST2000VX008 ST4000VX000 ST3000VX000 ST3000VX010 **ST31000528AS** ST6000VX0001 ST3000VX010 ST8000VX0002 ST...

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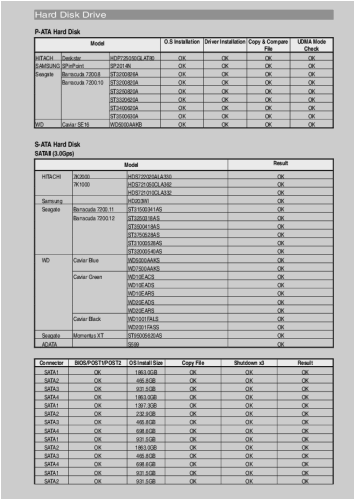

Hard Disk Drive

P-ATA Hard Disk

Model			O.S Installation	Driver Installation	Copy & Compare File	UDMA Mode Check
HITACH	Deskstar	HDP725050GLAT80	OK	OK	OK	OK
SAMSUNG	SPinPoint	SP2014N	OK	OK	OK	OK
Seagate	Barracuda 7200.8	ST3200826A	OK	OK	OK	OK
	Barracuda 7200.10	ST3200820A	OK	OK	OK	OK
		ST3250820A	OK	OK	OK	OK
		ST3320620A	OK	OK	OK	OK
		ST3400620A	OK	OK	OK	OK
WD	Caviar SE16	WD3200JABB	OK	OK	OK	OK

S-ATA Hard Disk
SATA# (3.0Gps)

Model			Result
HITACHI	7K3000	HDS723030ALA330	OK
	7K1000	HDS721010CLA362	OK
		HDS721010GLA332	OK
Samsung		HD203WI	OK
Seagate	Barracuda 7200.11	ST31500341AS	OK
	Barracuda 7200.12	ST3250318AS	OK
		ST3500418AS	OK
		ST3750528AS	OK
		ST3500414AS	OK
		ST3000540AS	OK
WD	Caviar Blue	WD3200AAKS	OK
		WD7500AAKS	OK
	Caviar Green	WD10EACS	OK
		WD10EADS	OK
		WD10EARS	OK
		WD20EADS	OK
		WD20EARS	OK
	Caviar Black	WD1001FALS	OK
		WD2001FASS	OK
Seagate	Momentus XT	ST9500420AS	OK
ADATA		SU40	OK

Connector	BIOS/POST/POST2	O/S Install Size	Copy File	Shutdown x3	Result
SATA1	OK	1863.0GB	OK	OK	OK
SATA2	OK	466.6GB	OK	OK	OK
SATA3	OK	931.5GB	OK	OK	OK
SATA4	OK	1863.0GB	OK	OK	OK
SATA1	OK	1397.3GB	OK	OK	OK
SATA2	OK	238.8GB	OK	OK	OK
SATA3	OK	466.8GB	OK	OK	OK
SATA4	OK	698.6GB	OK	OK	OK
SATA1	OK	931.5GB	OK	OK	OK
SATA2	OK	1863.0GB	OK	OK	OK
SATA3	OK	466.8GB	OK	OK	OK
SATA4	OK	698.6GB	OK	OK	OK
SATA1	OK	931.5GB	OK	OK	OK
SATA2	OK	931.5GB	OK	OK	OK

[pdf] Installation Guide Test Report

Microsoft Word hd docx miaowlee Model HITACH Deskstar SAMSUNG SPinPoint Seagate Barracuda 7200 8 10 WD Caviar SE16 HDP725050GLAT80 SP2014N ST3200826A ST3200820A View TR3 2299 asset msi file test report |||

Hard Disk Drive P-ATA Hard Disk Model HITACH Deskstar SAMSUNG SPinPoint Seagate Barracuda 7200.8 B ... 2020ALA330 HDS721050CLA362 HDS721010CLA332 HD203WI ST31500341AS ST3250318AS ST3500418AS ST3750528AS **ST31000528AS** ST32000540AS WD5000AAKS WD7500AAKS WD10EACS WD10EADS WD10EARS WD20EADS WD20EARS WD1001F...

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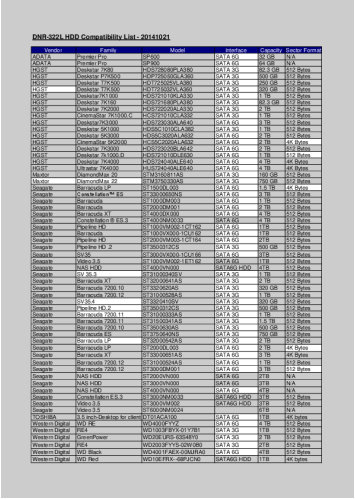

DNR-322L HDD Compatibility List - 20141021

Vendor	Family	Model	Interface	Capacity	Sector Format
ADATA	Premier Pro	SP600	SATA 6G	32 GB	N/A
ADATA	Premier Pro	SP900	SATA 6G	64 GB	N/A
HGST	Deskstar 7K80	HDS728080PLA380	SATA 3G	80.3 GB	512 Bytes
HGST	Deskstar 7K250	HDS725050KLA360	SATA 3G	500 GB	512 Bytes
HGST	Deskstar 7K500	HDS725050KLA360	SATA 3G	500 GB	512 Bytes
HGST	Deskstar 7K1000	HDS721010CLA332	SATA 3G	1 TB	512 Bytes
HGST	Deskstar 7K1000	HDS721010KLA330	SATA 3G	1 TB	512 Bytes
HGST	Deskstar 7K160	HDS721680PLA380	SATA 3G	80.3 GB	512 Bytes
HGST	Deskstar 7K2000	HDS722020ALA330	SATA 3G	2 TB	512 Bytes
HGST	CinemaStar 7K1000.C	HCS721010CLA332	SATA 3G	1 TB	512 Bytes
HGST	Deskstar 7K3000	HDS723030ALA640	SATA 6G	3 TB	512 Bytes
HGST	Deskstar 5K1000	HDS5C1010CLA382	SATA 3G	1 TB	512 Bytes
HGST	Deskstar 5K3000	HDS5C3030ALA632	SATA 6G	3 TB	512 Bytes
HGST	CinemaStar 5K2000	HCS5C2020ALA632	SATA 6G	2 TB	4K Bytes
HGST	Deskstar 7K3000	HDS723030BLA642	SATA 6G	3 TB	512 Bytes
HGST	Deskstar 7k1000.B	HDS721010DLE630	SATA 6G	1 TB	512 Bytes
HGST	Deskstar 7K4000	HDS724040ALE640	SATA 6G	4 TB	4K Bytes
HGST	Ultrastar 7K4000	HUS724040ALE640	SATA 6G	4 TB	4K Bytes
Maxtor	DiamondMax 20	STM3160811AS	SATA 3G	160 GB	512 Bytes
Maxtor	DiamondMax 22	STM3750330AS	SATA 3G	750 GB	512 Bytes
Seagate	Barracuda ES	ST3500320NS	SATA 3G	500 GB	512 Bytes
Seagate	Constellation** ES	ST3250310NS	SATA 6G	2 TB	512 Bytes
Seagate	Barracuda	ST1000DM003	SATA 6G	1 TB	512 Bytes
Seagate	Barracuda	ST2000DM001	SATA 6G	2 TB	512 Bytes
Seagate	Barracuda XT	ST4000DM001	SATA 6G	4 TB	512 Bytes
Seagate	Constellation ES ES.3	ST4000NM0033	SATA 6G	4 TB	512 Bytes
Seagate	Pipeline HD	ST1000VM002-1CT162	SATA 6G	1TB	512 Bytes
Seagate	Barracuda	ST1000VX003-1CU162	SATA 6G	1TB	512 Bytes
Seagate	Pipeline HD	ST2000VM003-1CT164	SATA 6G	2TB	512 Bytes
Seagate	Pipeline HD .2	ST500DM002-1BD142	SATA 3G	500 GB	512 Bytes
Seagate	SV35	ST3000VX003-1CU166	SATA 6G	3TB	512 Bytes
Seagate	Video.3.5	ST1000VM002-1ET162	SATA 6G	1TB	512 Bytes
Seagate	NAS HDD	ST4000VN000	SATA6G HDD	4TB	512 Bytes
Seagate	Cy 35.3	ST31000340SV	SATA 3G	1 TB	512 Bytes
Seagate	Barracuda XT	ST3000641AS	SATA 3G	2 TB	512 Bytes
Seagate	Barracuda 7200.10	ST320620AS	SATA 3G	320 GB	512 Bytes
Seagate	Barracuda 7200.12	ST3160828AS	SATA 3G	1 TB	512 Bytes
Seagate	SV35.4	ST320410SV	SATA 3G	320 GB	512 Bytes
Seagate	Pipeline HD.2	ST3500312CS	SATA 3G	500 GB	512 Bytes
Seagate	Barracuda 7200.11	ST31000333AS	SATA 3G	1 TB	512 Bytes
Seagate	Barracuda 7200.11	ST31000341AS	SATA 3G	1 TB	512 Bytes
Seagate	Barracuda 7200.11	ST3250310AS	SATA 3G	250 GB	512 Bytes
Seagate	Barracuda LP	ST2000DL003	SATA 6G	2 TB	512 Bytes
Seagate	Barracuda LP	ST2000DL003	SATA 6G	2 TB	4K Bytes
Seagate	Barracuda XT	ST3000651AS	SATA 6G	3 TB	4K Bytes
Seagate	Barracuda 7200.12	ST31000528AS	SATA 6G	1 TB	512 Bytes
Seagate	Barracuda 7200.12	ST3000DM001	SATA 6G	3 TB	512 Bytes
Seagate	NAS HDD	ST2000VN000	SATA 6G	2TB	N/A
Seagate	NAS HDD	ST3000VN000	SATA 6G	3TB	N/A
Seagate	NAS HDD	ST4000VN000	SATA 6G	4TB	N/A
Seagate	Constellation ES.3	ST3000NM0033	SATA6G HDD	3TB	512 Bytes
Seagate	Video.3.5	ST3000VM002	SATA6G HDD	3TB	512 Bytes
Seagate	Video.3.5	ST6000VM0024	SATA 6G	6TB	N/A
TOSHIBA	3.5 inch-Desktop for client	DT01ACA100	SATA 6G	1TB	4K bytes
Western Digital	WD_PE	WD4000FYYZ	SATA 6G	4 TB	512 Bytes
Western Digital	PE4	WD10EFRX-68FYTN0	SATA 3G	1 TB	512 Bytes
Western Digital	GreenPower	WD20EURS-63S48Y0	SATA 3G	2 TB	512 Bytes
Western Digital	PE4	WD3000JFYX-68W0B0	SATA 3G	3TB	512 Bytes
Western Digital	WD_Black	WD4001FAEX-00MJRA0	SATA 6G	4TB	512 Bytes
Western Digital	WD_Red	WD10EFRX-68PJCN0	SATA6G HDD	1TB	4K bytes

[pdf]

May DNR 322L HDD Compatibility List 20141021 D Link NAS ST4000VN000 SATA6G 4TB 512 Bytes Seagate SV 35 3 ST31000340SV global dlink sg site support

DNR-322L HDD Compatibility List - 20141021 Vendor ADATA ADATA HGST HGST HGST HGST HGST HGST HGST HG ... 35.3 ST31000340SV Barracuda XT ST32000641AS Barracuda 7200.10 ST3320620AS Barracuda 7200.12 **ST31000528AS** SV35.4 ST3320410SV Pipeline HD.2 ST3500312CS Barracuda 7200.11 ST31000333AS Barr...

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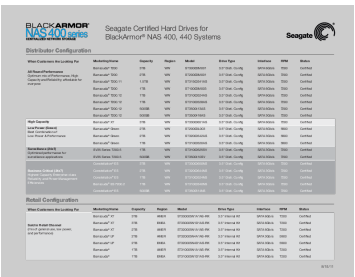

BLACKARMOR NAS 400 series
Seagate Certified Hard Drives for BlackArmor® NAS 400, 440 Systems
Seagate

Distributor Configuration

When Customers Are Looking For:	Model/Capacity/Interface	Capacity	Region	Model	Drive Type	Interface	RPM	Status
All Round Performance Optimum mix of performance, high capacity and flexibility attributes for everyone.	Barracuda® 500c	1 TB	WW	ST1000DM001	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Barracuda® 500c	2 TB	WW	ST2000DM001	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Barracuda® 500c	1.5 TB	WW	ST31500341AS	3.5" Disk Cluster	SATA 3Gb/s	7200	Certified
	Barracuda® 500c	1 TB	WW	ST1000DM003	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Barracuda® 500c G	1 TB	WW	ST1000DX002	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Barracuda® 500c G	1 TB	WW	ST1000DM003	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Barracuda® 500c G	500GB	WW	ST3500413AS	3.5" Disk Cluster	SATA 3Gb/s	7200	Certified
	Barracuda® 500c G	500GB	WW	ST3500418AS	3.5" Disk Cluster	SATA 3Gb/s	7200	Certified
High Capacity Best Cost-per-Gigabyte! Best Connectivity! Low Power & Performance.	Barracuda® Green	2 TB	WW	ST2000DL003	3.5" Disk Cluster	SATA 6Gb/s	5900	Certified
	Barracuda® Green	2 TB	WW	ST2000DX001	3.5" Disk Cluster	SATA 6Gb/s	5900	Certified
	Barracuda® Green	2 TB	WW	ST2000DM001	3.5" Disk Cluster	SATA 6Gb/s	5900	Certified
Surveillance (24/7) Optimized performance for surveillance applications.	Video.3 Series Series 3	1 TB	WW	ST1000VM002	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Video.3 Series Series 3	500GB	WW	ST3500312CS	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
Business Critical (24/7) Highest Capacity, Reliability, Performance, Flexibility.	Constellation® ES	1 TB	WW	ST1000NM0033	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Constellation® ES	2 TB	WW	ST2000NM0033	3.5" Disk Cluster	SATA 6Gb/s	7200	Certified
	Constellation® ES	1 TB	WW	ST1000NM0011	3.5" Disk Cluster	SATA 3Gb/s	7200	Certified
	Constellation® ES	500GB	WW	ST3500413AS	3.5" Disk Cluster	SATA 3Gb/s	7200	Certified

Retail Configuration

When Customers Are Looking For:	Model/Capacity/Interface	Capacity	Region	Model	Drive Type	Interface	RPM	Status
Desktop Retail Discount Good general use, low power, and good performance.	Barracuda® XT	3 TB	AMER	ST3000DM001-1E1B0	3.5" Internal HD	SATA 6Gb/s	7200	Certified
	Barracuda® XT	3 TB	EMEA	ST3000DM001-1E1B0	3.5" Internal HD	SATA 6Gb/s	7200	Certified
	Barracuda® LP	2 TB	AMER	ST2000DL003-9B1B0	3.5" Internal HD	SATA 6Gb/s	5900	Certified
	Barracuda® LP	2 TB	EMEA	ST2000DL003-9B1B0	3.5" Internal HD	SATA 6Gb/s	5900	Certified
	Barracuda®	1 TB	AMER	ST31000528AS-00B1B0	3.5" Internal HD	SATA 6Gb/s	7200	Certified
	Barracuda®	1 TB	EMEA	ST31000528AS-00B1B0	3.5" Internal HD	SATA 6Gb/s	7200	Certified

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po blackarmor nas certified drives seagate 80 files support barracuda

Seagate Certified Hard Drives for BlackArmor NAS 400, 440 Systems Distributor Configuration When C ... WW WW WW WW WW WW WW WW WW WW Model ST3000DM001 ST2000DM001 ST31500341AS ST1000DM003 ST31000524AS **ST31000528AS** ST3500413AS ST3500418AS ST33000651AS ST2000DL003 ST32000542AS ST31000520AS ST31000525SV...

lang:en score:18 filesize: 129.41 K page_count: 1 document date: 2011-08-15

Seagate

RoHS Declaration of Conformity (DoC)
Seagate Barracuda 7200 6G Family of Hard Disc Drives

The European Union Restriction of Hazardous Substances (RoHS) Directive restricts the presence of the following chemical substances in electronic products effective July 2006:

- Lead (Pb)
- Cadmium (Cd)
- Hexavalent Chromium (Cr6+)
- Mercury (Hg)
- Polybrominated Biphenyls (PBB) and
- Polybrominated Diphenyl Ether (PBDE)

To the best of our knowledge Seagate Barracuda 6G family of hard disc drives comply with EU RoHS Directive requirements.

A number of parts and materials in Seagate products are procured from external suppliers. We rely on the representations of our suppliers regarding the presence of RoHS substances in these parts and materials. Our supplier contracts require compliance with our chemical substance restrictions, and our suppliers document their compliance with our requirements by providing material content declarations for all parts and materials for Seagate products. Current supplier declarations include disclosure of the inclusion of any RoHS-regulated substance in such parts or materials.

Seagate also has internal systems in place to ensure ongoing compliance with the RoHS Directive and all laws and regulations which restrict chemical content in electronic products. These systems include standard operating procedures that ensure that restricted substances are not utilized in our manufacturing operations, laboratory analytical validation testing, and an internal auditing process to ensure that all standard operating procedures are complied with.

The European Commission maintains a comprehensive website which provides information related to this Directive, including the text of the Directive, responses to Frequently Answered Questions, and other resources.

In addition to RoHS restrictions, Seagate disc drives meet restrictions on Substances of Very High Concern (SVHCs) under the EU REACH Directive. This includes SVHCs listed by ECHA as of the date of this document.

The Seagate Barracuda 6G family of hard disc drives is available in Low Halogen configurations. Low Halogen configurations limit chlorine and bromine in homogeneous materials to 900 ppm (parts per million) each, 1500 ppm total (Cl plus Br).

[pdf] Decleration of Conformity

Microsoft Word RoHS DoC Barracuda Pharaoh 6G Family of Hard Disc Drives Feb 2011 docx 211504 Declaration Conformity Seagate 7200 7 c l Electrical and electronic components containing lead in a glass or ceramic other than 96hd1000g st sg7k6 RoHs wfcache advantech www certified peripherals documents 80

RoHS Declaration of Conformity DoC Seagate Barracuda 7200 6G Family of Hard Disc Drives The Europe ... odels: Model ST31000524AS ST3750525AS ST3500413AS ST3320413AS ST3250312AS ST3160316AS ST32000641AS **ST31000528AS** ST3750528AS ST3500418AS Part 9YP154 9YP15G 9YP142 9YP14C 9YP131 9YP13A 9GV168 9SL154 9...

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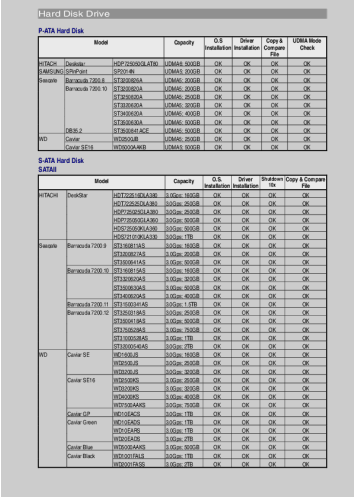


Hard Disk Drive

P-ATA Hard Disk

Model			Capacity	O.S Installation	Driver Installation	Copy & Compare File	UDMA Mode Check
HITACH	Deskstar	HDP725050GLAT80	UDMA6, 500GB	OK	OK	OK	OK
SAMSUNG	SPinPoint	SP2014N	UDMA5, 200GB	OK	OK	OK	OK
Seagate	Barracuda 7200.8	ST3200826A	UDMA6, 200GB	OK	OK	OK	OK
	Barracuda 7200.10	ST3200820A	UDMA6, 200GB	OK	OK	OK	OK
		ST3250820A	UDMA6, 250GB	OK	OK	OK	OK
		ST3320820A	UDMA6, 320GB	OK	OK	OK	OK
		ST3400820A	UDMA6, 400GB	OK	OK	OK	OK
		ST3500820A	UDMA6, 500GB	OK	OK	OK	OK
	DB35.2	ST3500414CE	UDMA6, 500GB	OK	OK	OK	OK
WD	Caviar	WD200JB	UDMA6, 200GB	OK	OK	OK	OK
	Caviar SE16	WD6000AAKB	UDMA6, 600GB	OK	OK	OK	OK

S-ATA Hard Disk
SATAII

Model			Capacity	O.S. Installation	Driver Installation	Shutdown 10x	Copy & Compare File
HITACH	DeskStar	HDT725016DLA380	3.0Gps, 160GB	OK	OK	OK	OK
		HDT725025DLA380	3.0Gps, 250GB	OK	OK	OK	OK
		HDP725025GLA380	3.0Gps, 250GB	OK	OK	OK	OK
		HDP725050GLA360	3.0Gps, 500GB	OK	OK	OK	OK
		HDS725050KLA360	3.0Gps, 500GB	OK	OK	OK	OK
		HDS721010KLA330	3.0Gps, 1TB	OK	OK	OK	OK
Seagate	Barracuda 7200.9	ST3160815AS	3.0Gps, 160GB	OK	OK	OK	OK
		ST3200827AS	3.0Gps, 200GB	OK	OK	OK	OK
		ST3500641AS	3.0Gps, 500GB	OK	OK	OK	OK
	Barracuda 7200.10	ST3160815AS	3.0Gps, 160GB	OK	OK	OK	OK
		ST3320613AS	3.0Gps, 320GB	OK	OK	OK	OK
		ST3500630AS	3.0Gps, 500GB	OK	OK	OK	OK
		ST3400620AS	3.0Gps, 400GB	OK	OK	OK	OK
	Barracuda 7200.11	ST31500341AS	3.0Gps, 1.5TB	OK	OK	OK	OK
	Barracuda 7200.12	ST3250318AS	3.0Gps, 250GB	OK	OK	OK	OK
		ST3500418AS	3.0Gps, 500GB	OK	OK	OK	OK
		ST3750525AS	3.0Gps, 750GB	OK	OK	OK	OK
		ST31000528AS	3.0Gps, 1TB	OK	OK	OK	OK
		ST32000542AS	3.0Gps, 2TB	OK	OK	OK	OK
WD	Caviar SE	WD1600JS	3.0Gps, 160GB	OK	OK	OK	OK
		WD2500JS	3.0Gps, 250GB	OK	OK	OK	OK
		WD3200JS	3.0Gps, 320GB	OK	OK	OK	OK
	Caviar SE16	WD2500KS	3.0Gps, 250GB	OK	OK	OK	OK
		WD3200KS	3.0Gps, 320GB	OK	OK	OK	OK
		WD6400KS	3.0Gps, 640GB	OK	OK	OK	OK
		WD7500AAKS	3.0Gps, 750GB	OK	OK	OK	OK
	Caviar GP	WD10EACS	3.0Gps, 1TB	OK	OK	OK	OK
	Caviar Green	WD10EADS	3.0Gps, 1TB	OK	OK	OK	OK
		WD10EARS	3.0Gps, 1TB	OK	OK	OK	OK
		WD20EADS	3.0Gps, 2TB	OK	OK	OK	OK
	Caviar Blue	WD6400AAKS	3.0Gps, 640GB	OK	OK	OK	OK
	Caviar Black	WD1001FALS	3.0Gps, 1TB	OK	OK	OK	OK
		WD2001FASS	3.0Gps, 2TB	OK	OK	OK	OK

[pdf] Decleration of Conformity Test Report

Microsoft Word hd doc miaowlee Model HITACH Deskstar SAMSUNG SPinPoint Seagate Barracuda 7200 8 10 DB35 2 WD Caviar SE16 HDP725050GLAT80 SP2014N ST3200826A View TR3 2075 asset msi file test report |||

Hard Disk Drive P-ATA Hard Disk Model HITACH Deskstar SAMSUNG SPinPoint Seagate Barracuda 7200.8 B ... 3400620AS Barracuda 7200.11 ST31500341AS Barracuda 7200.12 ST3250318AS ST3500418AS ST3750528AS **ST31000528AS** ST32000540AS Caviar SE WD1600JS WD2500JS WD3200JS Caviar SE16 WD2500KS WD3200KS...

lang:es score:17 filesize: 40.89 K page_count: 2 document date: 2010-05-31

Seagate

Data Sheet

Barracuda® 7200.12

The industry's leading combination of capacity, performance and reliability

1 TB, 750 GB, 500 GB, 320 GB, 250 GB, 160 GB • 7200 RPM • SATA 3Gb/s with NCQ

Key Advantages

- Sustainable technology for a green world:
  - Typically 70 percent or more of the materials used to build the drive is recycled.
  - Complies with the RoHS directive and several non-regulatory restrictions.
- 12th generation of the world's most popular desktop hard drive
- Ships with the most reliable and proven perpendicular magnetic recording technology
- Delivers high performance:
  - 120-MB/s maximum sustained data rate
  - Up to 3-Gb/s instantaneous burst
  - 32-MB cache on 1-TB and 750-GB drives, 16-MB cache on 500-GB and 320-GB drives, 8-MB cache on 250-GB and 160-GB drives

Best-Fit Applications

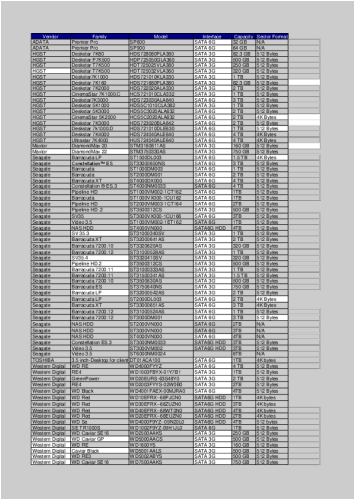
- Workstations
- Desktop RAID
- Gamer PCs
- High-end PCs
- Mainstream PCs
- USB/FireWire/eSATA personal external storage

[pdf] Specifications Datasheet Documentation

Barracuda® 7200 12ds barracuda 12store ee co uk content uni2 documentation 5hq4 ds 12 srsltid AfmBOopEwJQx900lXM3Bp4dkg6egnemtG2DvYh 8FxZbEPIdOXwrY8GJ EEThe Seagate® drive delivers power savings without sacrificing performance Customers can manufacture eco friendly PC and external storageds AfmBOook7iap kvAX0DEnpqE2oUAfZUxACVDFliB39SmvGuXUNoGlUOXstore |||

Data Sheet Barracuda 7200.12 The industry s leading combination of capacity, performance and rel ... bels - sound power Idle Seek Physical Height in/mm Width in/mm Depth in/mm Weight lb/kg **ST31000528AS** SATA 3Gb/s NCQ 300 125 32 4.17 7200 512 50,000 1 per 10E14 0.34 2.0 9.4 5.0 ST37505...

lang:en score:17 filesize: 84.62 K page_count: 2 document date: 2009-05-14



[pdf]

May Vendor Family Model Interface Capacity Sector Format D Link ST1000DM003 SATA 6G 1 TB 512 Bytes Seagate Barracuda ST2000DM001 2 XT ST4000DX000 4 DNR 322L HDD Compatibility List 20141021 dlinktw tw techsupport ashx file 2496 |||

Vendor ADATA ADATA HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST M ... 35.3 ST31000340SV Barracuda XT ST32000641AS Barracuda 7200.10 ST3320620AS Barracuda 7200.12 **ST31000528AS** SV35.4 ST3320410SV Pipeline HD.2 ST3500312CS Barracuda 7200.11 ST31000333AS Barr...

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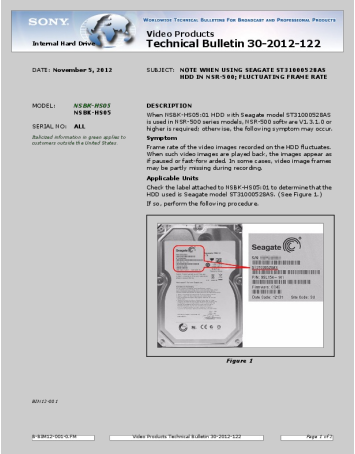


SONY

Worldwide Technical Bulletins For Broadcast and Professional Products

Internal Hard Drive

Video Products
Technical Bulletin 30-2012-122

DATE: November 5, 2012

SUBJECT: NOTE WHEN USING SEAGATE ST31000528AS HDD IN NSR-500; FLUCTUATING FRAME RATE

MODEL: NSBK-HS03 NSBK-HS05

SERIAL NO: ALL

Italicized information in green applies to customers outside the United States.

DESCRIPTION

When NSBK-HS05/03, HDD with Seagate model ST31000528AS is used in NSR-500 series models, NSR-500 softwares V1.3.1.0 or higher is required; otherwise, the following symptom may occur.

Symptom

Frame rate of the video images recorded on the HDD fluctuates. When such video images are played back, the images appear as if paused or fast-forwarded. In some cases, video image frames may be partly missing during recording.

Applicable Units

Check the label attached to NSBK-HS05/01 to determine that the HDD used is Seagate model ST31000528AS. (See Figure 1.) If so, perform the following procedure.

Figure 1

B-BIM12-001-0.FM

Video Products Technical Bulletin 30-2012-122

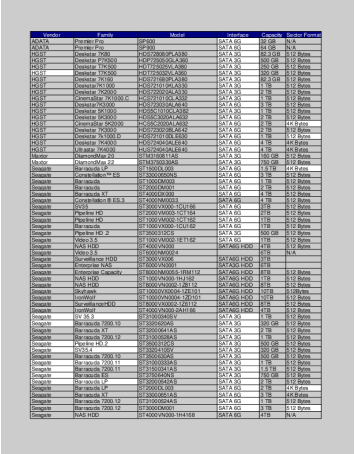
Page 1 of 2

[pdf] Technical Bulletin Label

B BIM12 001 0 FM 1000008737 302012122 docs sony release TB |||

Internal Hard Drive DATE: November 5, 2012 Video Products Technical Bulletin 30-2012-122 SUBJECT: NOTE WHEN USING SEAGATE **ST31000528AS** HDD IN NSR-500; FLUCTUATING FRAME RATE MODEL: NSBK-HS05 NSBK-HS05 SERIAL NO: ALL Italicized information in green applies to customers outside the United States. ...

lang:en score:17 filesize: 258.7 K page_count: 2 document date: 2012-11-05



[pdf]

May Vendor Family Model Interface Capacity Sector Format ADATA Premier Pro SP600 SATA 6G 32 GB N A SP900 6 ST10000VN0004 1ZD101 SATA6G HDD 10TB 512 Bytes Seagate SurveillanceHDD ST8000VX0002 1Z6112 8TB DNR 326 REVA COMPATIBILITY LIST 20161230 legacyfiles us dlink ftp2 PRODUCTS

Vendor ADATA ADATA HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST HGST M ... 1 ST10000VN0004-1ZD101 ST8000VX0002-1Z6112 ST4000VN000-2AH166 ST31000340SV ST3320620AS ST32000641AS **ST31000528AS** ST3500312CS ST3320410SV ST3500630AS ST31000333AS ST31500341AS ST3750640NS ST32000542AS ...

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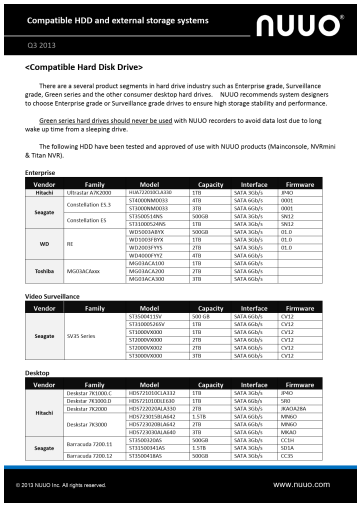

Compatible HDD and external storage systems

NUUO

Q3 2013

<Compatible Hard Disk Drive>

There are a several product segments in hard drive industry such as Enterprise grade, Surveillance grade, Green series and the other consumer desktop hard drives. NUUO recommends system designers to choose Enterprise grade or Surveillance grade drives to ensure high storage stability and performance.

Green series hard drives should never be used with NUUO recorders to avoid data lost due to long wake up time from a sleeping drive.

The following HDD have been tested and approved of use with NUUO products (Mainconsole, NVRmini & Titan NVR).

Enterprise

Vendor	Family	Model	Capacity	Interface	Firmware
Hitachi	Ultrastar A7K2000	HUA722010CLA330	1TB	SATA 3Gb/s	JP4O
Seagate	Constellation ES.3	ST4000NM0033	4TB	SATA 6Gb/s	0001
		ST3000NM0033	3TB	SATA 6Gb/s	0001
	Constellation ES	ST500NS14NS	500GB	SATA 3Gb/s	SN02
		ST3500NS14NS	3TB	SATA 3Gb/s	SN02
WD	RE	WD5001ABYX	500GB	SATA 3Gb/s	01.0
		WD1001FBYX	1TB	SATA 3Gb/s	01.0
		WD2001FYYS	2TB	SATA 3Gb/s	01.0
		WD4000FYYZ	4TB	SATA 6Gb/s	
Toshiba	MG03ACAxxx	MG03ACA100	1TB	SATA 6Gb/s	
		MG03ACA200	2TB	SATA 6Gb/s	
		MG03ACA300	3TB	SATA 6Gb/s	

Video Surveillance

Vendor	Family	Model	Capacity	Interface	Firmware
Seagate	SV35 Series	ST500410SV	500 GB	SATA 6Gb/s	CV12
		ST1000DM003	1TB	SATA 6Gb/s	CV12
		ST2000VX000	2TB	SATA 6Gb/s	CV12
		ST3000VX000	3TB	SATA 6Gb/s	CV12
		ST4000VX000	4TB	SATA 6Gb/s	CV12
		ST6000VX000	6TB	SATA 6Gb/s	CV12

Desktop

Vendor	Family	Model	Capacity	Interface	Firmware
Hitachi	Desktop 7K1000.C	HDS721010CLA332	1TB	SATA 3Gb/s	JP4O
	Desktop 7K1000.D	HDS721010DLE630	1TB	SATA 6Gb/s	S80
	Desktop 7K2000	HDS722020ALA330	2TB	SATA 3Gb/s	JK0OA28A
	Desktop 7K3000	HDS723030BLA642	1.5TB	SATA 6Gb/s	MN6O
		HDS723030BLA642	2TB	SATA 6Gb/s	MN6O
		HDS723030ALA640	3TB	SATA 6Gb/s	MK6O
Seagate	Barracuda 7200.11	ST3500320AS	500GB	SATA 3Gb/s	CC34
		ST31500341AS	1.5TB	SATA 3Gb/s	SD1A
	Barracuda 7200.12	ST3500418AS	500GB	SATA 3Gb/s	CC35

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[pdf]

NVRmini v1 user Compatible HDD and external storage systems NUUO Firmware Hitachi Ultrastar A7K2000 HUA722010CLA330 1TB SATA 3Gb s JP4O Seagate Constellation ES 3 ST4000NM0033 4TB 6Gb 0001 ST3000NM0033 compatible hdd 2013 q3 nuuo mktmaterials wiki

Compatible HDD and external storage systems Q3 2013 Compatible Hard Disk Drive There are a seve ... age systems Q3 2013 Barracuda 7200.14 Barracuda LP Barracuda XT WD WD Caviar Black ST3500413AS **ST31000528AS** ST1000DM003 ST2000DM001 ST3000DM001 ST31500541AS ST32000542AS ST32000641AS ST33000651AS...

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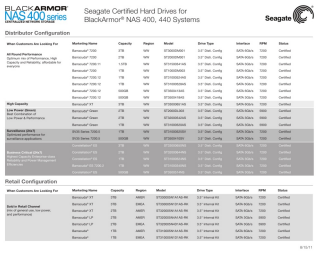

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Hard Drives for BlackArmor® NAS 400informacje 412428 sieciowy dysk twardy seagate black armor nas220 2 tb x usb 20 lanasset conrad media10 add 160267 c1 en 000412428IN01 informacje lan |||

Seagate Certified Hard Drives for BlackArmor NAS 400, 440 Systems Distributor Configuration When ... WW WW WW WW WW WW WW WW WW WW Model ST3000DM001 ST2000DM001 ST31500341AS ST1000DM003 ST31000524AS **ST31000528AS** ST3500413AS ST3500418AS ST33000651AS ST2000DL003 ST32000542AS ST31000520AS ST31000525SV...

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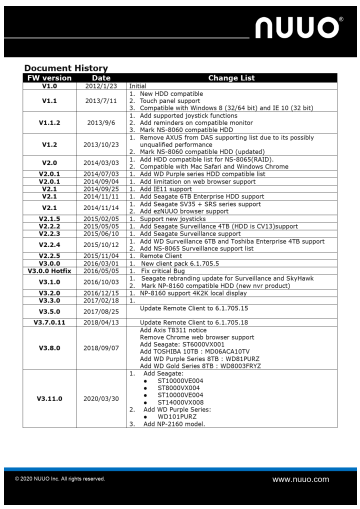

[pdf] Decleration of Conformity

NUUO NVRsolo Series Compatibility List Inc Add WD Purple 8TB WD81PURZ 6 Gold WD8003FRYZ V3 11 0 2020 03 30 1 Seagate ○ ST10000VE004 ST8000VX004 Nuuo 20200330 d1 nuuo DOC

NVRsolo Series Compatibility List NUUO version 3.11.0_release date_2020.03 Document History FW ver ... 1.5TB SATA 6Gb/s MN6O V Barracuda 7200.11 ST31500341AS 1.5TB SATA 3Gb/s CC1H V Barracuda **ST31000528AS** 1TB SATA 3Gb/s CC38 V 7200.12 ST3500413AS 500GB SATA 3Gb/s CC35 V ST3000DM001...

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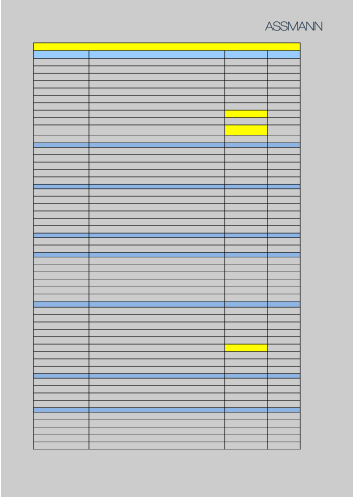

[pdf] Datasheet

Roman Reger Seagate Model No Capacities GB Cache M Pipeline HD ST3250312CS 250GB 8M ST3320310CS 320GB ST3500312CS 500GB ST31000322C DN 16120 datasheet HDD compatible list 20151123 mul 11242 ftp assmann pub 4016032370635 bimel tr dosya

Seagate Pipeline HD 3.5 HDD compatible list Model No. ST3250312CS ST3320310CS ST3500312CS ST310003 ... 7200.11 Barracuda 7200.10 Barracuda LP Barracuda DM ST3250318AS ST3500418AS ST3500413AS/stat 6Gb/S **ST31000528AS** ST31000524AS/stat 6Gb/s ST3160813AS ST3320613AS ST3500320AS ST3750330AS ST31000340AS ST...

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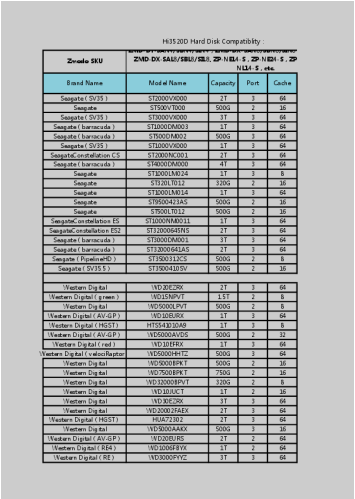

Hi3520D Hard Disk Compatiblity :

Zmodo SKU	ZMD-DX-SAL8/SBL8/SIL8, ZP-N1L4-S, ZP-N1B4-S, ZP-N1I4-S, etc.			
Brand Name	Model Name	Capacity	Port	Cache
Seagate (SV35)	ST2000VX000	2T	3	64
Seagate	ST500VT000	500G	2	16
Seagate (SV35)	ST3000VX000	3T	3	64
Seagate (barracuda)	ST1000DM003	1T	3	64
Seagate (barracuda)	ST500DM002	500G	3	64
Seagate (SV35)	ST1000VX000	1T	3	64
SeagateConstellation CS	ST2000NC001	2T	3	64
Seagate (barracuda)	ST4000DM000	4T	3	64
Seagate	ST1000LM024	1T	3	8
Seagate	ST320LT012	320G	2	16
Seagate	ST1000LM014	1T	3	64
Seagate	ST9500423AS	500G	2	16
Seagate	ST500LT012	500G	2	16
SeagateConstellation ES	ST1000NM0011	1T	3	64
SeagateConstellation ES2	ST2000NM0011	2T	3	64
Seagate (barracuda)	ST3000DM001	3T	3	64
Seagate (barracuda)	ST320005641AS	2T	3	64
Seagate (PipelineHD)	ST3500311CS	500G	2	8
Seagate (SV35.5)	ST3500410SV	500G	2	16
Western Digital	WD30EZRX	2T	3	64
Western Digital (green)	WD15NPVT	1.5T	2	8
Western Digital	WD5000LPVT	500G	2	8
Western Digital (AV-GP)	WD10EURX	1T	3	64
Western Digital (HGST)	HTS541010A9	1T	3	8
Western Digital (AV-GP)	WD5000AVDS	500G	2	32
Western Digital (red)	WD10EFRX	1T	3	64
Western Digital (velociRaptor	WD5000HHTZ	500G	3	64
Western Digital	WD5000BPKT	500G	2	16
Western Digital	WD7500BPKT	750G	2	16
Western Digital	WD3200BPVT	320G	2	8
Western Digital	WD10JUCT	1T	2	16
Western Digital	WD30EZRX	3T	3	64
Western Digital	WD20EZRZX	2T	3	64
Western Digital (HGST)	HUA723202	2T	3	64
Western Digital	WD5000AAKX	500G	3	16
Western Digital (AV-GP)	WD20EURS	2T	2	64
Western Digital (RE4)	WD1006FBYX	1T	2	64
Western Digital (RE)	WD3000FYYZ	3T	3	64

[pdf] Guide

Eva qin harddriverlist zmodo 80 quickguide

Zmodo SKU Hi3520D Hard Disk Compatiblity ZMD-DT-SAN4/SBN4/SIN4ZMD-DX-SAN8/SBN8/SIN8ZMD-DT-SAL4/SB Z ... 2 TB 3 64 ST3500312CS 500 GB 2 8 ST3500410SV 500 GB 2 16 ST3500411SV7200 500 GB 3 32 **ST31000528AS** 1 TB 2 32 ST3320418AS 320 GB 2 16 ST2000VX002 2 TB 3 64 ST3250311SV 7200 ...

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