



Seagate Pipeline HD (1TB) Hard Drive (5900rpm) 6Gb s SATA 64MB (Internal)



With room for up to 1000 hours of your favorite movies, and unprecedented levels of power and vibration performance, Seagate Pipeline HD drives are the industry's leading combination of video streaming and lowest power usage. Media technology demands both reliability and energy efficiency. Pipeline HD hard drives deliver with the industry's lowest overall power consumption profile, coolest operating temperatures, and a best-in-industry AFR. Low-power profiles help DVR manufacturers achieve reduced overall power requirements and support Energy Star compliance. With an AFR of 0.55%, Pipeline HD hard drives feature industry-leading reliability for devices like DVRs and home theater systems. And the Pipeline HD drive can take the heat in the most demanding 24x7 devices. This hard drive improves system reliability with a capability of operating at temperatures of up to 75 degree C. Key to the Pipeline HD drive's remarkable reliability is the reduced heat output enabled by its low-power consumption. Pipeline HD hard drives meet a rising demand for energy-conserving consumer electronics without compromising performance. And Seagate is committed to environmental stewardship that goes beyond reduced power consumption. In fact, Pipeline HD drives support a comprehensive sustainability value proposition.

Drive Interface	SATA 6Gb/s
Disk Size	3.5 Inches
Disk Capacity	1000GB
Disk Speed	5900RPM
Enclosure type	Internal
Dimensions	10.16cm (W) x 14.7cm (D) x 2.02cm (H) - Weight 0.42kg

Features

- * Seagate Pipeline HD 3.5 inch Hard Disk Drive
- * 1TB Capacity
- * Interface: SATA 6Gb/s
- * 64MB cache
- * Designed to meet Energy Star and other strict consumer power consumption standards
- * Quiet operation to ensure customers' expectations for sound power
- * Easy-to-manage multi-room video delivery of at least ten simultaneous HD streams
- * Qualified for operating temperatures up to 75 C to meet the rigors of the consumer electronics set-top box market



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



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* 24x7 operational profile to meet the always-on demands on the DVR market

Specification

General

With room for up to 1000 hours of your favorite movies, and unprecedented levels of power and vibration performance, Seagate Pipeline HD drives are the industry's leading combination of video streaming and lowest power usage. Media technology demands both reliability and energy efficiency. Pipeline HD hard drives deliver with the industry's lowest overall power consumption profile, coolest operating temperatures, and a best-in-industry AFR. Low-power profiles help DVR manufacturers achieve reduced overall power requirements and support Energy Star compliance. With an AFR of 0.55%, Pipeline HD hard drives feature industry-leading reliability for devices like DVRs and home theater systems. And the Pipeline HD drive can take the heat in the most demanding 24x7 devices. This hard drive improves system reliability with a capability of operating at temperatures of up to 75 degree C. Key to the Pipeline HD drive's remarkable reliability is the reduced heat output enabled by its low-power consumption. Pipeline HD hard drives meet a rising demand for energy-conserving consumer electronics without compromising performance. And Seagate is committed to environmental stewardship that goes beyond reduced power consumption. In fact, Pipeline HD drives support a comprehensive sustainability value proposition.

Information

We have very limited data about this product. Please contact us from more information.

Hard Disk

Drive Interface	SATA 6Gb/s
Disk Size	3.5 Inches
Disk Capacity	1000GB
Disk Speed	5900RPM
Data Buffer/RAM	64MB
Platters	1
Heads	2
Cylinders	16,383
Bytes per Sector	4K Sector with Emulation
Sectors per Track	63

Performance

Data Transfer Rates	600MB/s
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Average Seek Time	Read: 8.5ms Write: 9.2ms
Seek Time (Track to Track)	Read: 1.0ms Write: 1.2ms
Average Latency	5.0ms

Electrical

Power Requirement Spin Up (Max)	3.7Watts
Power Requirement Idle (Ready)	2.5Watts

Environmental

Acoustics (Seek Mode)	2.0dB
Acoustics (Idle Mode)	1.9dB
Operating Temperature	0 to 70C
Non Operating Temperature	-40 to 70C
Temperature Gradient	20C per hour
Relative Humidity	5 to 95%
Vibration (Operating)	0.5Gs
Vibration (Non-Operating)	3.0Gs
Shock (Non Operating)	350Gs for 2ms
Altitude (Operating)	-304.8 to 3048m
Altitude (Non-Operating)	-304.8 to 12,192m

Physical

Enclosure type	Internal
Dimensions	10.16cm (W) x 14.7cm (D) x 2.02cm (H) - Weight 0.42kg



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?