

Toshiba L200 Laptop PC - hard drive - 1 TB - SATA 6Gb/s(HDWL110UZSVA)

Toshiba L200 Laptop PC - Hard drive - 1 TB - internal - 2.5" - SATA 6Gb/s - 5400 rpm - buffer: 128 MB



Toshiba's L200 Laptop PC internal hard drive is designed for everyday laptop users and gamers, providing a convenient and reliable way to expand the storage capacity of your notebook computer or games system.

The L200 delivers large storage capacity in a compact 2.5-inch form factor, allowing you to hold more game data and files on the go.

Optimized cache allocation during read/write provides high-level performance in real time. The L200 includes internal shock sensor and ramploading technology to help protect your drive and data from harm. So you can work and play as much as you like - wherever you are - without worrying about your data.

The L200 is designed for low power consumption compared to 3.5-inch hard drives, to help optimize the device's battery life. Also, the drive's quiet operation (compared to 3.5-inch hard drives) makes it an excellent storage solution for game system and mobile computing applications where capacity, power-profile, and reliability are critical.

Key Selling Points

- Designed for everyday laptop users and gamers
- Large storage capacity in a small 2.5" form factor
- Low power profile helps optimize device's battery life
- Quiet operation helps improve mobile computing experience
- On-board cache algorithm and buffer management optimize cache allocation between read and write cycles for improved real-time drive performance
- Advanced Format (AF) technology helps improve formatting efficiency and the reliability of recorded data with stronger error correction algorithms
- Ramp loading technology reduces wear to the recording head and media for improved drive reliability
- Built-in shock sensors detect impact, shielding adjacent track data
- Optimizes the order in which received read and write commands are executed, resulting in increased performance and reduced mechanical workload from the drive

Product Features

- Enhanced durability**
Equipped with Advanced Format technology and a shock sensor, the Toshiba L200 Laptop PC hard drive is designed to withstand the rigors of daily use, ensuring your data is protected against bumps and drops.
- Optimized performance**
With a data transfer rate of 600 MBps and Native Command Queuing (NCQ), this internal hard drive optimizes read and write operations for improved efficiency and faster access to your files.
- Eco-friendly design**
Compliant with RoHS standards, the Toshiba L200 Laptop PC hard drive is manufactured with the environment in mind, reducing the use of hazardous materials in its construction.

Main Specifications

Product Description	Toshiba L200 Laptop PC - hard drive - 1 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	1 TB
Form Factor	2.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	128 MB
Spindle Speed	5400 rpm

Features	Shock sensor, Native Command Queuing (NCQ), Advanced Format technology
Dimensions (WxDxH)	69.85 mm x 100 mm x 7 mm
Weight	117 g
Manufacturer Warranty	3-year warranty

Extended Specification

General

Device Type	Hard drive - internal
Capacity	1 TB
Form Factor	2.5"
Interface	SATA 6Gb/s
Buffer Size	128 MB
Features	Shock sensor, Native Command Queuing (NCQ), Advanced Format technology
Width	69.85 mm
Depth	100 mm
Height	7 mm
Weight	117 g

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Miscellaneous

Compliant Standards	RoHS
Package Type	Bulk

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	65 °C

Performance

Drive Transfer Rate	600 MBps (external)
Spindle Speed	5400 rpm

Reliability

Non-Recoverable Errors	1 per 10^14
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Expansion & Connectivity

Interfaces	1 x SATA 6 Gb/s
Compatible Bay	2.5"

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