



## Expand your PC's capacity

### L200 - Mobile Hard Drive



Toshiba's L200 2.5" internal hard drive is designed to boost the storage of your laptop or games console, with a capacity of up to 1 TB. To give you high-speed performance, the L200 contains an original cache algorithm and buffer management, giving you quick access to your frequently-used applications and data. Perpendicular Magnetic Recording and Tunnel Magneto-Resistive technologies also ensure fast, stable recording that makes the most of your hard drive space. And once your data is saved and stored, you can be sure it's secure, thanks to ramp loading technology for data protection while on the move, and shock resistance, keeping your stored media secure and intact. Available in capacities of up to 1 TB, the L200 puts the renowned durability and reliability of Toshiba technology to work in your notebook or games console.

**Target devices:**

Notebooks, game consoles, external enclosures.

**Target applications:**

Everyday applications, system enhancement.



**Upgrade your space**  
For a large upgrade in a small device, the L200 HDD is capable of adding up to 1 TB to laptops or games consoles.



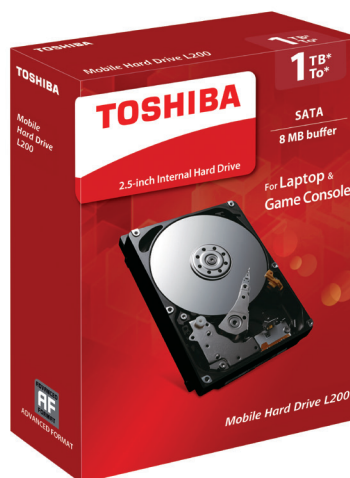
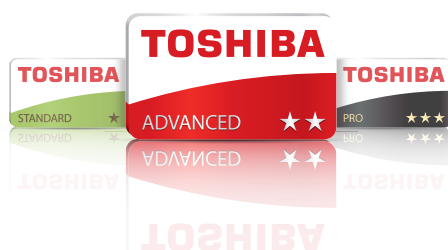
**Keep data secure**  
The L200's design includes an internal shock sensor, ensuring none of your data is lost.



**Advanced read and write technology**  
With Perpendicular Magnetic Recording technology and Tunnel Magneto-Resistive recording technology the L200 is equipped for fast and secure reading and writing of data.

## Top features:

- 2.5" SATA hard drive
- 500 GB / 1 TB capacity
- 5400 rpm
- 8 MB buffer
- Advanced Format



### Specifications and Performance

Part number:	L200 - Mobile Hard Drive, 1TB:	HDWJ110EZSTA (Retail) HDWJ110UZSVA (Bulk)
	L200 - Mobile Hard Drive, 500GB:	HDWJ105EZSTA (Retail) HDWJ105UZSVA (Bulk)
	L200 - Slim Mobile Hard Drive, 500GB:	HDWK105EZSTA (Retail) HDWK105UZSVA (Bulk)
Form factor:	2.5-inch	
Interface:	SATA 3.0 Gbit/s	
Available capacities:	1 TB, 500 GB	
Advanced Format (AF):	yes	
RoHS compatible:	yes	
Halogen Free:	yes	
<b>Performance</b>		
Rotational speed:	5400 rpm	
Buffer size:	8 MB	
Average latency:	5.56 ms	
Native Command Queing (NCQ):	supported	
<b>Reliability</b>		
Unrecoverable error rate:	1 per 10E14 bits read	
<b>Power Management</b>		
Supply voltage:	5V (±5 %)	
Consumption - Read/Write:	1.5 W typ.	
Consumption - Low Power Idle:	0.55 W typ.	
<b>Environmental</b>		
Temperature (operating):	5 to 55 °C	
Temperature (non-operating):	-40 to 65 °C	
Vibration (operating):	9.8 m/s <sup>2</sup> {1.0 G} (5 to 500 Hz)	
Vibration (non-operating):	49 m/s <sup>2</sup> {5.0 G} (15 to 500 Hz)	
Shock (operating):	3,920 m/s <sup>2</sup> {350 G} (2 ms half sine)	
Shock (non-operating):	8,820 m/s <sup>2</sup> {900 G} (1 ms half sine)	
Acoustics (idle mode):	23 dB typ. (1 TB), 19 dB typ. (500 GB)	
Acoustics (seek mode):	24 dB typ. (1 TB), 21 dB typ. (500 GB)	
<b>Physical</b>		
Dimensions:	100 (L) x 69.85 (W) x 9.5 (H) mm	
Weight:	117 g max. (1 TB), 92 g max. (500 GB)	

### Box Content

- 2.5-inch internal HDD - L200 Mobile Hard Drive
- Quick Start Guide
- Warranty Leaflet