

TOSHIBA



L200 Laptop PC Hard Drives



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Take your laptop to the next level

This 2.5-inch internal hard drive is designed for everyday laptop users and gamers – and it's ideal for boosting and upgrading the storage capacity of your laptop PC or games console by up to 2 TB. Perpendicular Magnetic Recording and Tunnel Magneto-Resistive technologies also ensure fast, stable recording that makes the most of your hard drive space.

Use for

- Notebooks
- Game consoles
- External enclosures

Top Features

- SATA** 2.5" SATA Hard Drive
- RPM** 5,400 rpm
-  128 MB buffer (2 TB | 1 TB 7 mm)
8 MB buffer (1 TB 9.5 mm |
500 GB 7 mm | 500 GB 9.5 mm)
-  Toshiba Dynamic Cache
Technology

Capacities

2	1	500
TB	TB	GB



L200

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	2 TB	1 TB	1 TB	500 GB	500 GB
	HDWL120UZSVA	HDWL110UZSVA	HDWJ110UZSVA	HDWJ105UZSVA	HDWK105UZSVA

Basic Specifications

Form factor	2.5-inch				
Interface	SATA 6.0 Gbit/s		SATA 3.0 Gbit/s		SATA 6.0 Gbit/s
Advanced Format (AF)	yes				
RoHS compatible	yes				
Halogen free	yes				
Recording Technology	SMR		CMR		

Performance

Rotational speed (rpm)	5,400				
Buffer size (MB)	128		8		

Reliability

Unrecoverable error rate	1 per 10 ¹⁴				
Load/Unload cycle	600,000				
Limited warranty (years)	2				

Power Management

Supply voltage	5 V DC ±5 %				
Consumption (operating)	1.65 W typ.		1.5 W typ.		
Consumption (active idle)	0.85 W typ.				

Environmental

Temperature (operating/non-operating)	0 to 65 °C -40 to 65 °C		5 to 63 °C -40 to 65 °C		
Vibration (operating)	9.80 m/s ² {1.0 G} (5 to 500 Hz)				
Vibration (non-operating)	49.0 m/s ² {5.0 G} (15 to 500 Hz)				
Shock (operating)	3,920 m/s ² {400 G} (2 m half sine)				
Shock (non-operating)	9,800 m/s ² {1000 G} (2 m half sine)		8,820 m/s ² {900 G} (1 m half sine)		
Acoustics (idle mode)	23 dB typ.	19 dB typ.	23 dB typ.	17 dB typ.	19 dB typ.

Physical

Dimensions	100 (L) x 69.85 (W) x 9.5 (H)	100 (L) x 69.85 (W) x 7 (H)	100 (L) x 69.85 (W) x 9.5 (H)		100 (L) x 69.85 (W) x 7 (H)
Weight	117 g	92 g	117 g	107 g	92 g