



Toshiba X300 - Hard drive - 10 TB

internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer: 256 MB

Group	HDDs
Manufacturer	Toshiba
Manufacturer item no.	HDWR11AEZSTA
EAN/UPC	4260557510384

Description

Toshiba's X300 3.5" internal hard drive is designed for your professional or gaming PC - delivering reliable, large capacity, incredibly high performance storage that's ideal for PC gamers, graphic designers, and other users with high demanding requirements. Dual-stage actuator design improves positional accuracy throughout reading and writing to reduce the interruptions caused by vibrations, while Perpendicular Magnetic Recording and Tunnel Magneto-Resistive technologies ensure stable recording that makes the most of your hard drive space. Not only do the X300's features support easy reading and writing, but they promote safe storage with a ramp loading design that prevents damage on the move, as well as shock resistance that will cut the power in the event of physical stress to the hard drive or desktop system, keeping your stored media secure and intact. The X300 puts the renowned power and reliability of Toshiba technology to work in your desktop PC.

Main features

Product Description	Toshiba X300 - hard drive - 10 TB - SATA 6Gb/s
Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Data Transfer Rate	600 MBps
Buffer Size	256 MB
Spindle Speed	7200 rpm
Features	Shock sensor, Native Command Queuing (NCQ), Halogen Free, Advanced Format technology, Toshiba Dynamic Cache Technology
Dimensions (WxDxH)	101.6 mm x 147 mm x 26.1 mm
Weight	770 g

Extended details



General	
Device Type	Hard drive - internal
Capacity	10 TB
Form Factor	3.5"
Interface	SATA 6Gb/s
Buffer Size	256 MB
Features	Shock sensor, Native Command Queuing (NCQ), Halogen Free, Advanced Format technology, Toshiba Dynamic Cache Technology
Width	101.6 mm
Depth	147 mm
Height	26.1 mm
Weight	770 g
Performance	
Drive Transfer Rate	600 MBps (external)
Average Latency	4.17 ms
Spindle Speed	7200 rpm
Reliability	
MTBF	600,000 hours
Non-Recoverable Errors	1 per 10 ¹⁴
Expansion & Connectivity	
Interfaces	1 x SATA 6 Gb/s
Compatible Bay	3.5"
Power	
Power Consumption	9.92 Watt (active) 7.22 Watt (active idle)
Miscellaneous	
Compliant Standards	RoHS, halogen-free
Package Type	Retail
Environmental Parameters	
Min Operating Temperature	5 °C
Max Operating Temperature	60 °C
Shock Tolerance (operating)	70 g @ 2 ms
Shock Tolerance (non-operating)	250 g @ 2 ms
Vibration Tolerance (operating)	0.75 g @ 5-300 Hz
Vibration Tolerance (non-operating)	3 g @ 5-500 Hz
Sound Emission	34 dB