

PC

P300 Desktop PC Hard Drive

Performance that meets demands



3 2 1 500
TB TB TB GB

Color

Toshiba's 3.5-inch P300 Desktop PC Hard Drive delivers a high performance for professionals. With its dual-stage actuator, you can count on smooth, responsive computing. What's more, your data and media is secured with a ramp loading design, as well as a shock sensor. The P300 is available in capacities up to 3 TB.

Use for:

- Powerful desktop workstations
- All-in-one PCs
- Desktop PCs
- External enclosures
- Gaming computers



SATA 3.5" SATA Hard Drive

RPM 7200 rpm

64 MB buffer

Advanced Format

Manual

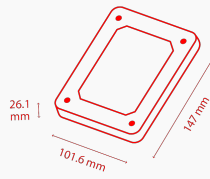
[Toshiba Installation and Safety.pdf](#) 

Tools

[TOSHIBA Storage Diagnostic Tool.zip](#) 



Product Specifications



Basic Specifications

Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s)
Advanced Format (AF)	Yes
RoHS compatible	Yes
Halogen Free	Yes
Shock Sensor	Yes

Performance

Rotational speed	7,200 rpm
Buffer size	64 MB
Average latency	4.17 ms
Native Command Queing (NCQ)	supported

Reliability

Unrecoverable error rate	1 per 10E14 bits read
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Power Management

Supply voltage	5VDC (±5%) / 12VDC (±10%)
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Consumption - Read/Write	6.40 W typ. (500 GB, 1 TB, 3 TB), 5.80 W typ. (2 TB)
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Consumption - Low Power Idle	5.20 W typ. (3 TB), 4.40 W typ. (2 TB), 3.70 W typ. (500 GB, 1 TB)
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Environmental

Temperature (operating / non-operating)	0 to 65° C / -40 to 70 °C
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Vibration (operating)	0.67 G (5 to 500 Hz)
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Vibration (non-operating)	1.04 G (2 to 200 Hz)
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Shock (operating)	70 G / 2 ms duration
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Shock (non-operating)	300 G (2 ms half sine) (2 TB, 3 TB) 350 G (2 ms half sine) (500 GB, 1 TB)
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Acoustics (idle mode)	27 dB typ. (2 TB, 3 TB), 25 dB typ. (500 GB, 1 TB)
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Acoustics (seek mode)	28 dB typ. (2 TB, 3 TB), 26 dB typ. (500 GB, 1 TB)
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Physical

Dimensions	147 (L) x 101.6 (W) x 26.1 (H) mm
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Weight (approx.)	680 g max. (2 TB, 3 TB), 450 g max. (500 GB, 1 TB)
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Box Content

Box Content	3.5-inch internal HDD - P300 Desktop PC Hard Drive
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Product Range

Part number	Capacity	Color
HDWD130EZSTA (Retail)	3 TB	-
HDWD130UZSVA (Bulk)	3 TB	-
HDWD120EZSTA (Retail)	2 TB	-
HDWD120UZSVA (Bulk)	2 TB	-
HDWD110EZSTA (Retail)	1 TB	-
HDWD110UZSVA (Bulk)	1 TB	-
HDWD105EZSTA (Retail)	500 GB	-
HDWD105UZSVA (Bulk)	500 GB	-

Logistical Information:

Box dimensions	189.0 mm (H) x 136.0 mm (W) x 60.0 mm (D)
Box weight (gross)	825 g max. (2 TB, 3 TB), 595 g max. (500 GB, 1 TB)
Master carton dimensions	255 x 147 x 212mm
Master carton weight (gross)	3554 g max. (2 TB, 3 TB), 2634 g max. (500 GB, 1 TB)
Boxes per master carton	4 pcs
Pallet dimensions	1150 x 1150 x 130 mm
Pallet weight (net)	n/A
Units per pallet	400 pcs
Units per carton	20 pcs.
Carton dimensions	321 x 406 x 213 mm
Carton weight (gross)	16 kg (typ.), 11 kg (typ.) (500 GB, 1 TB)
Units per pallet	720 pcs.

Contact

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