

PC

# P300 Desktop PC Hard Drive

### Performance that meets demands



3 500 6 2 1 тв тв тв GB

Color

EMEA Region, Toshiba Storage Solutions – The 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 6 TB.

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



3.5" SATA Hard Drive

7200 rpm /5400 rpm

64/128 MB buffer

Advanced Format

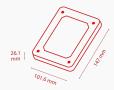
#### Manual

Installation-and-Safety-Internal-HDDs.pdf ?





# Product Specifications



#### **Basic Specifications**

	2.F. inch	
Form factor	3.5-inch	
Interface	SATA 6.0 Gbit/s)	
Advanced Format (AF)	Yes	
RoHS compatible	Yes	
Halogen Free	Yes	
Shock Sensor	Yes	
Recording Technology	CMR (500GB- 3TB): HDWD130EZSTA, HDWD130UZSVA, HDWD120EZSTA, HDWD120UZSVA, HDWD110EZSTA, HDWD110UZSVA HDWD105UZSVA, SMR (2 TB-6 TB): HDWD260UZSVA, HDWD240UZSVA, HDWD320UZSVA HDWD320UZSVA, HDWD320UZSVA, HDWD240EZSTA, HDWD220EZSTA, HDWD320EZSTA	
Performance		
Rotational speed	5,400 rpm (2TB - 6 TB SMR) 7,200 rpm (500 GB - 3 TB CMR, 2 TB SMR HDWD320)	
Buffer size	256 MB (2 TB SMR HDWD320), 128 MB (2TB - 6 TB SMR), 64 MB (500 GB - 3 TB CMR)	
Native Command Queing (NCQ)	supported	
Reliability		
Unrecoverable error rate	1 per 10E14 bits read	
Load / Unload Cycle	600.000 (2TB - 6 TB SMR), 300.000 (500 GB - 3 TB CMR)	
Power Management		
Supply voltage	5VDC (±5%) / 12VDC (±10%)	
Consumption – Read/Write	4.46 W typ. (6 TB), 4.11 W typ. (4 TB), 7.3 W typ (3 TB), 5.21 W typ. (2 TB SMR HDWD320), 4.14 W typ. (2 TB SMR), 7.3 / 6.7 W typ. (2 TB CMR), 6.40 W typ. (500 GB, 1 TB)	

#### **Box Content**

Box Content	3.5-inch internal HDD - P300 Desktop PC Hard Drive	
Physical		
Weight (approx.)	680 g max. (6 TB, 3 TB, 2TB CMR), 650 g max. (4 TB), 440 g max. (2 TB SMR) 450 g max. (500 GB, 1 TB, 2 TB SMR HDWD320)	
Dimensions	147 (L) x 101.85 (W) x 26.1 (H) mm	
Environmental		
Acoustics (idle mode)	24 dB typ. (6 TB), 22 dB typ. (4 TB), 27 dB typ. (2 TB CMR, 3 TB), 21 dB typ. (2 TB SMR), 25 dB typ. (500 GB, 1 TB, 2 TB SMR HDWD320)	
Shock (non-operating)	300 G (2 ms half sine) (2 TB CMR, 3 TB, 6 TB) 350 G (2 ms half sine) (500 GB, 1 TB, 2TB SMR, 4 TB, 2 TI SMR HDWD320)	
Shock (operating)	70 G / 2 ms duration	
Vibration (non-operating)	1.04 G (2 - 200 Hz) (500 GB - 3 TB CMR) 3.0 G (5 - 500Hz) (2 TB - 6 TB SMR, 2 TB SMR HDWD320)	
Vibration (operating)	0.50 G (5 - 350 Hz) (2TB - 6 TB SMR, 2 TB SMR HDWD320), 0.67 G (5 - 500 Hz) (500 GB - 3 TB CMR)	
Temperature (operating / non-operating)	0 - 60° C / -40 - 65 °C (2TB - 6 TB SMR, 2 TB SMR HDWD320), 0 - 60° C / -40 - 70 °C (500 GB - 3 TB CMR)	

## Product Range

Part number	Conneitu	Color
	Capacity	COIOI
HDWD260EZSTA (Retail)	6 TB	-
HDWD260UZSVA (Bulk)	6 TB	-
HDWD240EZSTA (Retail)	4 TB	-
HDWD240UZSVA (Bulk)	4 TB	-
HDWD130EZSTA (Retail)	3 TB	-
HDWD130UZSVA (Bulk)	3 TB	-
HDWD120EZSTA (Retail)	2 TB	-
HDWD120UZSVA (Bulk)	2 TB	-
HDWD220UZSVA (Bulk)	2 TB	-
HDWD220EZSTA (Retail)	2 TB	-
HDWD320UZSVA (Bulk)	2 TB	-
HDWD320EZSTA (Bulk)	2 TB	-
HDWD110UZSVA (Bulk)	2 TB	-
HDWD110EZSTA (Retail)	1 TB	-
HDWD105EZSTA (Retail)	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)

825 g max. (2 TB CMR, 3 TB, 6 TB), 795 g max. (4 TB), 595 g max. (1 TB, 2TB SMR)

Master carton dimensions 255 x 147 x 212mm

Master carton weight (gross) 3554 g max. (2 TB CMR, 3 TB, 6 TB), 3434 g max. (4 TB) 2594 g max. (2 TB SMR) 2634 g max. (1 TB)

Boxes per master carton 4 p

Box weight (gross)

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.) (2 TB - 6 TB), 11 kg (typ.) (500 GB, 1 TB)

Units per pallet 720 pcs.

### Contact

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