

TOSHIBA



[View more](#)

P300

Desktop PC Hard Drives


Performance meets reliability

The 3.5-inch P300 Desktop PC Hard Drive delivers high performance for everyday home or office computing needs. With its two-stage actuator, you can count on smooth, responsive processing power. In addition, your data and media are secured with a loading ramp design to prevent data loss or drive wear and tear. The P300 is available in capacities up to 6 TB.

Use for

- Desktop Workstations
- All-in-one PCs
- Desktop PCs
- External enclosures

Top Features

- SATA** 3.5" SATA Hard Drive
- RPM** 5,400 rpm (6 | 4 TB)
7,200 rpm (2 TB)
-  256 MB buffer (2 TB)
128 MB buffer (6 | 4 TB)

Capacities

6 **4** **2**
TB **TB** **TB**



P300

 Desktop PC Hard Drives

	6 TB	4 TB	2 TB
Bulk Number	HDWD260UZSVA	HDWD240UZSVA	HDWD320UZSVA
Basic Specifications			
Form factor	3.5-inch		
Interface	SATA 6.0 Gbit/s		
Native command queuing (NCQ)	supported		
Shock Sensor	yes		
Advanced Format (AF)	yes		
RoHS compatible	yes		
Halogen free	yes		
Recording Technology	SMR		
Performance			
Rotational speed (rpm)	5,400		7,200
Buffer size (MB)	128		256
Average latency (ms)	5.56		4.17
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 % 12 V DC ±10 %		
Consumption (operating)	4.46 W typ.	4.11 W typ.	5.21 W typ.
Consumption (active idle)	2.68 W typ.	2.32 W typ.	2.92 W typ.
Environmental			
Temperature (operating/non-operating)	0 to 60 °C -40 to 65 °C		0 to 60 °C -40 to 70 °C
Vibration (operating)	4.90 m/s2 {0.50 G} (5 to 350 Hz) 2.45 m/s2 {0.25 G} (350 to 500 Hz)		
Vibration (non-operating)	29.4 m/s2 {3.0 G} (5 to 500 Hz)		
Shock (operating)	686 m/s2 {70 G} (2 m duration)		785 m/s2 {80 G} (2 m duration)
Shock (non-operating)	2,940 m/s2 {300 G} (2 m duration)	3,430 m/s2 {350 G} (2 msduration)	3,432 m/s2 {350 G} (2 m duration)
Acoustics (idle mode)	24 dB typ.	22 dB typ.	25 dB typ.
Physical			
Dimensions	147 (L) x 101.85 (W) x 26.1 (H)		
Weight	680 g	650 g	450 g
Logistic Information - Bulk			
Master carton quantity	20 pcs		
Master carton size (L x W x H)	321 x 406 x 213 mm		
Master carton weight	16 kg		
Pallet quantity per layer	180 pcs		
Number of layer	4 layer		
Pallet quantity	720 pcs		
Pallet size (L x W x H)	1250 x 1030 x 1030 mm		
Country of origin	China		