



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 (3 | 2 | 1 TB)

256 MB buffer (2 TB) 128 MB buffer (6 | 4 TB) 64 MB buffer (3 | 1 TB)

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TOSHIBA

P300

Write your story.

Desktop PC Hard Drives

Basic Specifications Form factor 3.5-inch Form factor 3.5-inch Interface SATA 6.0 Gbt//S Native command queuing (NQ) supported Shock Sensor yes Advanced Format (AF) yes RotiS compatible yes Halagen free yes Recording Technology SMR CMR SMR CMR Performance CMR SMR CMR SMR CMR Buffer size (MB) 128 64 256 64 Average latency (ms) 5.56 4.17 Technology Performance 1 per 10^h14 Load/Unload cycle 660,000 300,00 600,000 300,00 Unrecoverable error rate 5.56 VDC 210 %b 2.21 W typ. 6.44 W typ. Unrecoverable grow frate 5.50 S 2.2 W typ. 3.00,00 600,000 300,00 Consumption (operating) 4.46 W typ. 4.11 W typ. 7.3 W typ. 5.21 W typ. 6.4 W typ. Consumption (operating) <th></th> <th>6 TB</th> <th>4 TB</th> <th>3 TB</th> <th>2 TB</th> <th>1 TB</th>		6 TB	4 TB	3 TB	2 TB	1 TB		
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August 1 August 1 <th< td=""><td>Comporting (operating (pop-operating)</td><td colspan="2"></td><td>0 to 65 °C</td><td>0 to 60 °C</td><td>0 to 65 °C</td></th<>	Comporting (operating (pop-operating)			0 to 65 °C	0 to 60 °C	0 to 65 °C		
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(2 m duration) (2 m duration) (2 m duration) (2 m duration) (2 m duration) 24 dB typ. 22 dB typ. 27 dB typ.				2 940 m/s2 (300 G)				
Physical	Shock (non-operating)							
	coustics (idle mode)			27 dB typ.	25 dB typ.			
	hysical							
1TT (L/ X 101.00 (W) X 20.1 (H)	•	147 (L) x 101 85 (W) x 26 1 (H)						
Veight 680 g 650 g 680 g 450 g					450 g			