

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 5,400 rpm (6 | 4 TB)
- **RPM** 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 Drive – 6 TB

Retail Number	n/a
Bulk Number	HDWD260UZSVA
Basic Specifications	
Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s
Recording Technology	SMR
Native command queuing (NCQ)	supported
Shock Sensor	yes
Advanced Format (AF)	yes
RoHS compatible	yes
Halogen free	yes
Performance	
Rotational speed (rpm)	5,400
Buffer size (MB)	128
Average latency (ms)	5.56
Reliability	
Unrecoverable error rate	1 per 10^14
Load/Unload cycles	600,000
Limited warranty (years)	2
Enniced warranty (years)	L
Power Management	
Supply voltage	5 V DC ±5 % 12 V DC ±10 %
Consumption (operating)	4.46 W typ.
Consumption (active idle)	2.68 W typ.
Environmental	
Temperature (operating/non-operating)	0 to 60 ℃ -40 to 65 ℃
	4.90 m/s2 {0.50 G}(5 to 350 Hz)
Vibration (operating)	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 ms duration)
Shock (non-operating)	2,940 m/s2 {300 G} (2 m duration)
Acoustics (idle mode)	24 dB typ.
Physical	
Dimensions	147 (L) × 101.85 (W) × 26.1 (H) mm
Weight	680 g
Logistic Information (Bulk)	
Master carton quantity	20 pcs
Master carton size	321 (L) x 406 (W) x 213 (H) mm
Master carton weight	16 kg
Pallet quantity per layer	180 pcs
Number of layer	4 layer

Pallet quantity

Country of origin

Pallet size

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720 pcs

1,250 (L) x 1,030 (W) x 1,030 (H) mm

China



P300 Desktop PC Hard Drive – 4 TB

Retail Number	n/a
Bulk Number	HDWD240UZSVA
Basic Specifications	
Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s
Recording Technology	SMR
Native command queuing (NCQ)	supported
Shock Sensor	yes
Advanced Format (AF)	yes
RoHS compatible	yes
Halogen free	yes
Performance	
Rotational speed (rpm)	5,400
Buffer size (MB)	128
Average latency (ms)	5.56
Reliability	
Unrecoverable error rate	1 per 10^14
Load/Unload cycles	600,000
Limited warranty (years)	2
Power Management	
_	5 V DC ±5 %
Supply voltage	12 V DC ±10 %
Consumption (operating)	4.11 W typ.
Consumption (active idle)	2.32 W typ.
Environmental	
Temperature (operating/non-operating)	0 to 60 ℃ -40 to 65 ℃
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 ms duration)
Shock (non-operating)	3,430 m/s2 {350 G} (2 msduration)
Acoustics (idle mode)	22 dB typ.
Physical	
Dimensions	147 (L) × 101.85 (W) × 26.1 (H) mm
Weight	650 g
Logistic Information (Bulk)	
Master carton quantity	20 pcs
Master carton size	321 (L) x 406 (W) x 213 (H) mm
Master carton weight	16 kg
Pallet quantity per layer	180 pcs
Number of layer	4 layer

Pallet quantity per tayer180 pcsNumber of layer4 layerPallet quantity720 pcsPallet size1,250 (L) x 1,030 (W) x 1,030 (H) mmCountry of originChina

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P300 Desktop PC Hard Drive – 2 TB

Retail Number	n/a
Bulk Number	HDWD320UZSVA
Basic Specifications	
Form factor	3.5-inch
Interface	SATA 6.0 Gbit/s
Recording Technology	SMR
Native command queuing (NCQ)	supported
Shock Sensor	yes
Advanced Format (AF)	yes
RoHS compatible	yes
Halogen free	yes
Performance	
	7.000
Rotational speed (rpm)	7,200 256
Buffer size (MB)	4.17
Average latency (ms)	4.11
Reliability	
Unrecoverable error rate	1 per 10^14
Load/Unload cycles	600,000
Limited warranty (years)	2
Power Management	
Supply voltage	5 V DC ±5 %
Зирру чогаде	12 V DC ±10 %
Consumption (operating)	5.21 W typ.
Consumption (active idle)	2.92 W typ.
Environmental	
Temperature	0 to 60 °C
(operating/non-operating)	-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)
	29.4 m/s2 {3.0 G}
Vibration (non-operating)	(5 to 500 Hz)
Shock (operating)	785 m/s2 {80 G} (2 m duration)
	3,432 m/s2 {350 G}
Shock (non-operating)	(2 m duration)
Acoustics (idle mode)	25 dB typ.
Physical	
Dimensions	147 (L) x 101.85 (W) x 26.1 (H) mm
Weight	450 g
Logistic Information (Bulk)	
Master carton quantity	20 pcs
Master carton size	321 (L) x 406 (W) x 213 (H) mm
Master carton weight	16 kg
Pallet quantity per layer	180 pcs
Number of layer	4 layer
Pallet quantity	720 pcs
Delleteine	1.250 (I.) × 1.020 (II.) mm

Pallet size Country of origin

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1,250 (L) x 1,030 (W) x 1,030 (H) mm

China