

## » Q300 Pro Solid State Drive

*Unleash the potential of your computer*



▶ **For Console Gamers/ Graphic Professional Enthusiast**

Capacity  
**512GB/256GB/128GB**  
NAND  
**2-bit-per-cell Flash**



### Performance

- Advance speed technology: Adaptive Size SLC Write cache technology
- Zero Trim Support
- Native Command Queuing (NCQ)

### Reliability

- QSBC ECC
- Ready only mode
- Patrol Read
- Thermal control

Model name	Capacity	Part number	Description
Q300 Pro	512GB	HDTS451EZSTA	SSD Q300 Pro 2.5inch 512GB
	256GB	HDTS425EZSTA	SSD Q300 Pro 2.5inch 256GB
	128GB	HDTS412EZSTA	SSD Q300 Pro 2.5inch 128GB

## » Q300 Pro Solid State Drive

Usage Application		Client PCs
Capacity		512GB,256GB,128GB
Physical Specifications	Interface	SATA 6Gbit/s, compatible with SATA 3Gbit/s and SATA 1.5Gbit/s
	Form Factor	2.5 type/ 7mm height case
	NAND	2-bit-per-cell Flash
	Dimensions	100.0 mm x 69.85 mmx 7.0 mm
	Weight	49 - 53 g typ.
Environmental Specifications	Power consumption (Largest capacity model)	Active: 3.3 W typ. Idle: 125 mW typ.
	Temperature	Operating: 0 °C - 65 °C(case temperature) Non-operating: -40 °C – 85 °C
	Shock	14.7 km/s <sup>2</sup> {1500 G} at 0.5 ms
	Vibration	Operating / Non-operating: 196 m/s <sup>2</sup> {20 G} at 10-2,000 Hz
Software	Utility Tool	Toshiba Storage Utilities (download)
	Cloning Tool	NTI Echo 3 (download)
Accessories		Spacer
Supported commands	TRIM support	Yes and requires OS Support
	Deterministic Zeroing TRIM support	Yes and requires OS Support
	Garbage collection	Yes
SMART		Yes
Warranty		5 years