

Toshiba 320GB MQ01ACF 2.5" Serial ATA III

Brand : Toshiba

Product code: MQ01ACF032

Product name : 320GB MQ01ACF



320GB MQ01ACF, 2.5", 7278RPM, SATA III

Toshiba 320GB MQ01ACF 2.5" Serial ATA III:

The MQ01ACF series offers up to 500GB in a unit just 7mm height. Ideal for laptops, ultrathin notebooks and other mobile and power-sensitive applications requiring integrated storage, the 7,278 rpm drives combine a high-speed 6Gbit/s intelligent interface with average seek times of just 12ms. A shock sensor circuit provides protection against shocks of up to 3,430 m/s² (350G) while the drive is in use. Upon power down, a carriage lock mechanism is automatically activated to protect against shocks of up to 8,820 m/s² (900G). Furthermore, vibration sensors protect the integrity of data readout against vibrations while the drive is in operation, enabling unrivalled performance. The family of sleek HDDs is available in the following models; the MQ01ACF050 (500GB) and the MQ01ACF032 (320GB).

Toshiba 320GB MQ01ACF. HDD size: 2.5", HDD capacity: 320 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	2.5"	Storage temperature (T-T)	-40 - 65 °C
HDD capacity *	320 GB	Operating vibration	1 G
HDD speed *	7200 RPM	Non-operating vibration	5 G
Interface *	Serial ATA III	Operating shock	350 G
Storage drive buffer size	16 MB	Non-operating shock	900 G
Track to track seek time	2 ms	Weight & dimensions	
Average seek time	12 ms	Width	69.8 mm
SMART technology	✓	Height	7 mm
Power		Depth	100 mm
Power consumption (standby)	0.18 W	Weight	92 g
Power consumption (read)	2.1 W	Packaging data	
Power consumption (write)	2.1 W	Quantity	1
Power consumption (idle)	0.8 W	Other features	
Operating voltage	5 V	Data transfer rate	6 Gbit/s
Operational conditions		Rotational speed	7278 RPM
Operating temperature (T-T)	5 - 55 °C	Connectivity technology	Wired

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