

## Toshiba MHZ2120BJ internal hard drive 2.5" 120 GB Serial ATA II

**Brand :** Toshiba

**Product code:** MHZ2120BJ

**Product name :** MHZ2120BJ



MHZ2120BJ 120GB, SATA 3.0 Gbps, ATA-8, 7200 RPM, 2.5-inch HDD

[Toshiba MHZ2120BJ internal hard drive 2.5" 120 GB Serial ATA II:](#)

Toshiba enriches the 2.5-inch HDD product line by introducing the new 7,200 RPM 3.0Gb/sec. The new series doubles the capacity with higher data throughput over its predecessor while keeping the low power operation, and is an ideal solution for the growing demand from ambitious users seeking higher performance and storage capacity with a small ecological footprint.

Engineered to deliver high performance and high capacity in a small form factor, these 7,200 RPM mobile HDD deliver a low typical average read/write seek time of 10.5 / 12.5 msec. The low power consumption and best-in-class acoustic noise level, makes these 2.5-inch SATA HDDs an excellent choice for today's ultra-fast, high-capacity notebook computers.

Toshiba MHZ2120BJ. HDD size: 2.5", HDD capacity: 120 GB, HDD speed: 7200 RPM

Features		Operational conditions	
HDD size *	2.5"	Storage temperature (T-T)	-40 - 65 °C
HDD capacity *	120 GB	Operating relative humidity (H-H)	8 - 90%
HDD speed *	7200 RPM	Storage relative humidity (H-H)	5 - 95%
Interface *	Serial ATA II	Operating vibration	5 G
Storage drive buffer size	16 MB	Non-operating vibration	5 G
Read seek time	10 ms	Operating altitude	-300 - 3000 m
Write seek time	12.5 ms	Non-operating altitude	-300 - 12000 m
Average latency	4.17 ms	Operating shock	325 G
Bytes per sector	512	Non-operating shock	900 G
Start/stop cycles	600000		
Mean time between failures (MTBF)	300000 h	Weight & dimensions	
		Width	70 mm
		Height	9.5 mm
		Depth	100 mm
		Weight	107 g
		Other features	
		Power requirements	5
		Acoustic pressure emissions	23 dB
		Internal	✓
		Drive device, transfer rate	300 MB/s
Power			
Power consumption (standby)	0.13 W		
Power consumption (read)	2.3 W		
Power consumption (write)	2.3 W		
Power consumption (idle)	0.8 W		
Operating voltage	5 V		
Operational conditions			
Operating temperature (T-T)	5 - 55 °C		

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