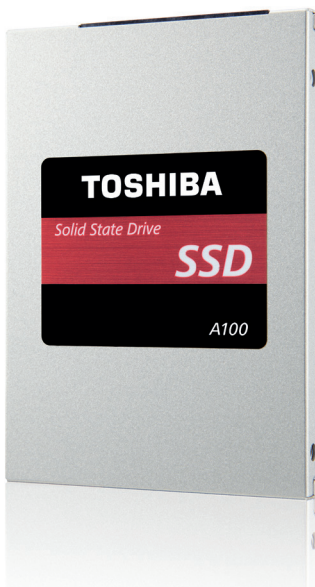




## Boost your speed and performance

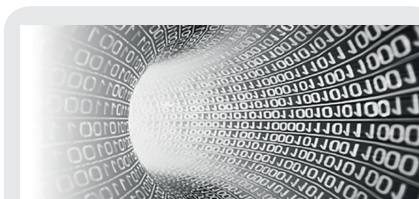
### SSD A100

Boosting your daily boot-up speed and improving performance has never been easier. Upgrade your PC/Mac with an A100 Solid State Drive based on Toshiba's 3-bit-per-cell flash technology and experience high-speed boot up, fast system responsiveness and silent operation.



#### Performance for everyday use

A solid state drive reduces OS boot time and speeds up your computing system responsiveness rates by leaps and bounds.



#### Give yourself a boost

The SSD A100 uses 3-bit-per-cell flash to maximise storage capacity, without sacrificing speed. Your system will be more responsive than ever.



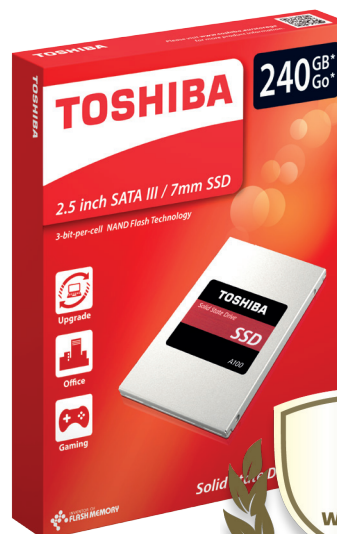
#### Quality you can trust

Toshiba SSDs are based on NAND Flash technology and incorporate Toshiba controllers to achieve industry-leading levels of performance and reliability.

Save your best moments

## Top features:

- 15 nm 3-bit-per cell NAND flash memory
- SLC Write Cache technology
- High-speed boot-up and operation
- Fast system responsiveness
- Resistance to vibration and shock



### Specifications and Performance

Part number:	SSD A100 240 GB: THN-S101Z2400A8 SSD A100 120 GB: THN-S101Z1200A8
Storage memory:	3-bit-per-cell 15 nm NAND Flash
Available capacities:	240 GB, 120 GB
Controller:	Toshiba TC58NC1010
Interface:	SATA III (6.0 Gbit/s, backwards compatible with 3.0 Gbit/s and 1.5 Gbit/s)
Max. transfer rate:	6.0 Gbit/s
Sequential Read Speed (measured with Iometer):	Up to 550 MB/s
Sequential Write Speed (measured with Iometer):	Up to 480 MB/s (240 GB) Up to 450 MB/s (120 GB)
Random Read Speed (measured with CrystalDiskMark 4.1.0, 4kiB, QD32):	Up to 87,000 IOPS (240 GB) Up to 81,000 IOPS (120 GB)
Random Write Speed (measured with CrystalDiskMark 4.1.0, 4kiB, QD32):	Up to 82,000 IOPS (240 GB) Up to 40,000 IOPS (120 GB)
Advance Speed Technology:	SLC Write Cache Technology
Zeroing TRIM Support:	yes and requires OS support
Native Command Queuing (NCQ):	yes
S.M.A.R.T Support:	yes
Garbage collection:	yes
Read only mode:	yes
MTTF:	1.500.000 hours
Operating temperature:	0 °C – 65 °C
Non-Operating temperature:	-40 °C – 85 °C
Power consumption:	Active: 3.4 W typ. Idle: 440 mW typ.
Weight:	37.5 g typ.
Dimensions:	100 × 69.85 × 7 mm
TBW (Client endurance workload specified by JESD219A Solid-State Drive (SSD) Endurance Workloads):	240 GB: 60 TB 120 GB: 30 TB

### Box Content

- Solid State Drive - A100
- Quick Start Guide