

## > THNSNHxxxGxxT

19 nm NAND cSSD

### > KEY ADVANTAGES

- Up to 512GB of Storage Capacity
- 2.5-inch and mSATA Models
- 19 nm MLC NAND Flash
- Fast Access and Transfer Rates
- Excellent Power Consumption
- Toshiba Strong Error Correction Code (QSBC)
- Data Corrupt Protection from Unexpected Power Loss

### > APPLICATIONS

- High-end and thin / light notebooks
- All-in-one desktop computers
- Consumer and industrial PCs
- Tablets

### > SPECIFICATIONS



## SSD

	THNSNHxxxGBST	THNSNHxxxGCST	THNSNHxxxGMCT
	2.5-inch Case	2.5-inch Case	mSATA-Module
<b>Series Overview:</b>			
Storage Capacity, Formatted	60 / 128 / 256 / 512 GB	60 / 128 / 256 / 512 GB	60 / 128 / 256 GB
NAND Technology	19 nm MLC NAND		
Transfer Rate to Host	Up to 6 Gb/s		
<b>Performance:</b>			
Data Transfer Rate Max. Sequential Read	534 MB/s (510 MiB/s) *		
Data Transfer Rate Max. Sequential Write	(512/256 GB) 482 MB/s (460 MiB/s) *	(512/256 GB) 482 MB/s (460 MiB/s)*	(128 / 256 GB) 471 MB/s (450 MiB/s)
	(128 GB) 471 MB/s (450 MiB/s) *	(128 GB) 471 MB/s (450 MiB/s)*	(60 GB) 450 MB/s (430 MiB/s)
	(60 GB) 450 MB/s (430 MiB/s)	(60 GB) 450 MB/s (430 MiB/s)	
MTBF	1.5 Mhours		
<b>Physical &amp; Environmental Specifications Dimensions - mm:</b>			
Width x Depth x Height	69.85 x 100.0 x 9.5 mm	69.85 x 100.0 x 7.0 mm	30.0 x 50.95 x 3.95 mm
Weight max.	51 g (60 / 128 GB) 55 g (256 / 512 GB)	49 g (60 / 128 GB) 53 g (256 / 512 GB)	7.5 g (60 / 128 GB) 7.8 g (256 GB)

\* Tested with ATTO Disk Benchmark 2.47 the series can achieve up to max. 552/501MB/s read/write speed