TOSHIBA

XS700 Series

Portable Solid State Drive

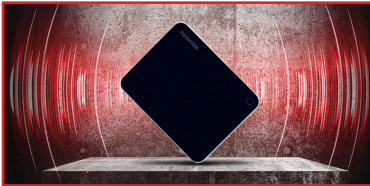# On-the-go SSD Speed

October 2019

BiCS FLASH™

Overview

Backing up taking too long? Your creativity coming to a standstill? Ever wish your external storage could be as fast as the SSD in your laptop? It's time to say good-bye to your external hard drive and get the kind of performance only flash-based technology can deliver. Meet the Toshiba XS700 Portable SSD series and get the faster and more durable alternative to traditional spinning disk storage.

Portable Performance

Take the power of SSD performance with you and complete tasks quicker than ever before. Transfer those 4K videos and high-res photos up to 4.5x faster than portable HDDs at a fraction of the power.

Rugged and Reliable

The XS700 has no moving parts making it highly durable and efficient at safeguarding your data. It also features a shock-proof aluminum housing that's been two meter drop-test certified for peace of mind.

Sleek and Stylish

Featuring an elegant, palm-sized design, the XS700 keeps a slim profile with a compact USB Type-C connector and prioritizes portability with a lightweight aluminum frame.

The Comfort of Quality

As the inventor of NAND flash, Toshiba brings decades of experience to the table. With Toshiba expertise and technology built into every XS700 drive, rest assured your data is in good hands.

State-of-the-art Storage

Each XS700 is built with advanced BiCS FLASH™ memory and a vertically stacked cell structure, delivering a state-of-the-art storage experience.

SSD Utility SSD Management Software

Need to secure your data? SSD Utility enables password protection on your XS700 and lets you be in control of maintenance, monitoring, and additional SSD tuning!

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Specifications

Performance

Performance	240 GB	480 GB	960 GB
Transfer Read Speed[1]	Up to 550 MB/s	Up to 550 MB/s	Up to 550 MB/s
Transfer Write Speed[1]	Up to 500 MB/s	Up to 500 MB/s	Up to 500 MB/s

[1] Transfer speeds are measured with ATTO v3.05, QD10 (Using USB 3.1 Gen 2 condition)

Physical

Capacity	240 GB, 480 GB, 960 GB
Flash Memory Type	BiCS FLASH™
Interface	USB 3.1 Gen 2 / USB 3.1 Gen 1 / USB 2.0
Interface Protocol	Support UASP mode
Interface Connector	USB Type-C
Cable Specifications	USB 3.1 Cable Gen 2 Type-C to A
Cable Length	450 mm (17.72 inches)
Accessory	USB Type-A to Type-C adapter
Dimensions	95 x 75 x 11 mm
Drive Weight	Max 90g

Environmental

Operating Temperature	5°C to 35°C
Non-Operating Temperature	-40°C to 65°C
Shock Resistance (Non-Operating)[2]	2 meter drop

[2] Tested 6 times from a 2 meter height onto carpet.

Security

Password Protection[3]	Yes

[3] Password functionality is currently only supported on the Windows® version of SSD Utility.

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Compatibility

Operating System[4]	Windows® 10, Windows® 8.1, Windows® 7 Mac® OS X® High Sierra, 10.12, 10.11, 10.10, 10.9
Factory Format	exFAT

[4] Compatible operating system for SSD is not the same as compatible operating system for SSD Utility or CLOUT

Additional

Services and Support	3-Year Standard Warranty, Toll-Free Tech Support
Software	SSD Utility (SSD management software)

Ordering Information

	Model	Part Number	UPC
XS700	240 GB	THN-XS70K2400G8	811375030017
	480 GB	THN-XS70K4800G8	811375030062
	960 GB	THN-XS70K9600G8	811375030079

Definition of capacity: KIOXIA defines a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2^{30} = 1,073,741,824 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system, such as Microsoft Operating System and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

Read and write speed may vary depending on the host device, read and write conditions, and file size.

Subject to Change: While KIOXIA has made every effort at the time of publication to ensure the accuracy of the information provided herein, product specifications, configurations, prices, system/component/options availability are all subject to change without notice.

Product image may represent design model.