

Toshiba Adds 16TB Capacity to N300 and X300 Internal Hard Drive Series

The N300 NAS and X300 Performance Internal Hard Drive Series deliver expansive storage for performance, gaming, and small business applications

TAIPEI – Taiwan, September 3rd, 2019 - Toshiba Electronic Components Taiwan Corporation (“Toshiba”) announces the addition of new 16TB helium-sealed models to both the N300 and X300 Series. The 16TB models offer 14% more capacity¹ than 14TB models. The 16TB models also double the buffer size of the 14TB models, increasing from 256MB to 512MB.



The 16TB N300 and X300 Series utilize a 9-disk helium-sealed design, delivering increased storage density with a lower hard drive operating power profile. Toshiba’s laser welding technology and case design keep the helium securely sealed inside an industry-standard 3.5-inch² drive enclosure.

“Toshiba’s 16TB N300 and X300 deliver new levels of storage capacity and density while offering improved power efficiency utilizing our advanced helium-sealed design,” said Takayoshi Tokushima, Toshiba Storage Products Asia Strategic Alliance Marketing Senior Manager. “The 16TB N300 and X300 show Toshiba’s commitment to advancing HDD design to meet the evolving storage needs for performance, gaming, and small office NAS applications. As file size continues to grow, the 16TB capacity will enable both gamers and NAS users to efficiently store and access large amounts of data.”

The N300 Series is ideal for applications like home office and small business NAS and private cloud storage, with up to eight drive bays supported. Designed for 24/7 operation, the N300 Series has a workload rating of up to 180TB/year, 7200rpm performance and integrated sensors to compensate for rotational vibrations.

Designed for PC and high-end desktop workstations, the X300 Series delivers 7200rpm performance, drive stabilization technologies for improved reliability and Toshiba’s cache technology to optimize cache allocation during read/write to provide high-level performance in real time.

The N300 NAS series includes a 3-year limited warranty, and X300 Performance series includes a 2-year limited warranty. The 16TB N300 and X300 models are expected to be available in Q4'2019.

For more information on Toshiba's full line of HDD storage products, please visit:

<https://toshiba.semicon-storage.com/ap-en/product/storage-products.html>

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[1] Definition of capacity: Toshiba 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 two for the definition of 1GB = 230 = 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.

[2] "3.5-inch" means the form factor of Hard Drives. They do not indicate drive's physical size.

* Information in this document, including product prices and specifications, content of services and contact information, is current and believed to be accurate on the date of the announcement but is subject to change without prior notice.

* Images displayed in the banners are for illustration purposes only and do not show the actual products. The images are merely intended to help illustrate the function of the products.

* Company names, product names, and service names may be trademarks of their respective companies.

About Toshiba Electronic Components Taiwan Corporation (TET)

Toshiba Electronic Components Taiwan Corporation is responsible for the sales and marketing promotion and support of Toshiba hard disk drives and Toshiba External HDDs in Taiwan, China and Southeast Asian countries. TET is the best partner to Enterprise server, storage and notebook computers, and its mission is to offer the best service and products embodying the highest quality and most leading-edge technology. For more information, visit us at:

<http://toshiba.semicon-storage.com/ap-en/product/storage-products.html>

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