29.11.2022

Toshiba’s latest 20TB HDDs receive Microchip’s Adaptec® SmartRAID controller qualification (en)

Düsseldorf, Germany, 29 November 2022 — Toshiba Electronics Europe GmbH announces that Microchip has successfully completed compatibility testing of Toshiba’s new 20TB, 3.5-inch MG10ACA Series. The operation of these hard disk drives (HDDs) is now confirmed on all Adaptec® 31xx and 32xx redundant array of independent disk (RAID) controllers from Microchip.

“We are very pleased that our long-term cooperation with Microchip made the qualification of the MG10 generation with its adapters possible so soon after the market launch. Companies using Microchip adapter cards can now also install Toshiba’s 20TB MG10 enterprise drives,” says Rainer W. Kaese, Senior Manager Business Development Storage Products at Toshiba Electronics Europe GmbH.

The confirmed compatibility of the MG10 Series refers the SATA 6GB/s versions MG10ACA20TE/A. (Compatibilty of the SAS 12GB/s versions MG10SCA20TE/A are planned soon after the launch as well). Tests were carried out on Controller Series 31xx and 32xx. Not only were the basic functionality and compatibility of the interface checked, but hot-plug tests, power on tests and reboot tests were performed too. Long-term stability was also confirmed via an extended duration test. The MG10ACA hard drives have thus qualified for entry on Microchip's compatibility list.

The compatibility testing conducted by Microchip follows on from tests that the company undertook on Toshiba's Enterprise Capacity HDDs (models MG04 to MG09) and the Enterprise Performance HDD series (AL12 to AL15) in the past.

RAID controllers connect enterprise HDDs to the server, enabling the construction of advanced network architectures. Their smooth interplay ensures the functionality and operational stability of enterprise and cloud storage systems.

More information on Toshiba's full line of HDD storage products can be found at:
https://www.toshiba-storage.com/

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