

QNAP QTS 5.1.0 Release Includes ULINK DA Drive Analyzer Enhancements

ULINK's DA Drive Analyzer Enhancements are part of QTS 5.1.0 NAS release from QNAP Systems, Inc. (QNAP). The QTS 5.1.0 NAS operating system includes major enhancements for storage applications, services, and management to address IT challenges. With QTS 5.1.0, QNAP has bolstered its industry-leading 2.5GbE, 10GbE, and 25GbE-ready NAS solutions, providing suitability for SMB multichannel to drive boosted network performance for demanding workloads.

“Our focus in QTS 5.1.0 was optimizing performance and cloud management, with an aim to help organizations resolve performance bottlenecks and also maximize operational efficiency from cloud management toolsets,” said Tim Lin, Product Manager of QNAP, adding “we also want to acknowledge the valuable feedback submitted by our amazing QTS 5.1.0 beta testers, as it helped us put the finishing touches to this official release.”

Included as key new features in QTS 5.1.0:

Automatic RAID disk replacement with spares before potential failure

If potential drive errors are detected, the system automatically moves data from the affected disk in a RAID group to a spare disk, before the data on the affected disk is completely corrupted. It prevents the time needed and potential risks of RAID rebuilding, thus system reliability is greatly improved. QTS 5.1.0 integrates more HDD/SSD health check tools, including S.M.A.R.T., Western Digital® Device Analytics, IronWolf® Health Management, and ULINK® DA Drive Analyzer.

Improved drive health analysis and failure prediction

ULINK DA Drive Analyzer leverages cloud-based AI to predict drive failure. Now it comes with an advanced user interface that allows users to clearly identify drive information in each drive bay/slot, life prediction score, and drive data upload logs. The DA Desktop Suite, available for Windows® and macOS®, helps you monitor several devices for multiple users.

ULINK DA Drive Analyzer, which has been available in the consumer market since late 2021, is a comprehensive drive health monitoring and failure prediction service. The service works by uploading user drive health data to its servers, where a cloud-based AI and multiple threshold-based algorithms analyze the data and generate alerts if there are detected drive issues. The drive health data is also summarized into useful visualizations that users can access online.

Learn more about QTS 5.1.0 at <https://www.qnap.com/go/qts/5.1.0>