

Seagate Presents 14TB Storage Portfolio

Written by Marco Attard
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Seagate is all about 14TB HDDs, as it launches a range of drives covering both all enterprise applications-- the the IronWolf and IronWolf Pro NAS drives, BarraCuda Pro desktop drive, the surveillance-optimised SkyHawk and Exos X14 datacentre model.



The Iron Wolf/Iron Wolf Pro drives are built for multi-user environments, and promise best-in-class performance for always-on environments. They claim a workload rating of 300TB/year, and are optimised with AgileArray firmware for NAS servers to offer benefits such as RAID performance, dual-plane balance, rotational vibration (RV) sensors, advanced power management and error recovery control.

Meanwhile the BarraCuda Pro 14TB 3.5-inch HDD is ideal for demanding customers as well as creative professionals and small businesses handling large amounts of data. It offers 7200 RPM spin speed, 250mb/s data transfer rates and up to 256MB cache powered via Multi-Tier Caching Technology (MTC). As such, Seagate says it can handle 8K video editing or the large file transfers to an attached backup.

Moving to the professional drives, the SkyHawk 14TB is can store up to 9000 hours of HD video from up to 64 HD cameras. Optimised for DVRs and NVRs and tuned for 24/7 workloads, it includes ImagePerfect firmware and SkyHawk Health Management technology to monitor and analyse drive health, allowing users to prevent and recover from "potential anomalies."

The final 14TB drive is the Exos X14-- a helium-based 3.5-inch number promising the lowest power consumption and best performance in its class. Aimed at hyperscale datacentre, it is available in a modular enterprise system (Exos E 4U106) for scaling to up to 1.4PB density. Seagate Secure protection encrypts all data without performance degradation, and it meets US Government Federal Information Processing Standard (FIPS) 140-2, Level 2 Security

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certification, as well as the Common Criteria for Information Technology Security Evaluation (CC) ISO/EIC 15408 compliance standard.

All the above mentioned Seagate drives are available now.

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