

Empowering the creative workflow

UGREEN NASync Series and Seagate IronWolf Pro: the ultimate high-performance storage for creators

Solution brief

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Summary

In the era of 8K video, high-resolution RAW photography and complex multi-track audio production, data is a creator’s most valuable asset — and their biggest bottleneck. Traditional external drives are prone to failure and lack collaborative features, while public cloud subscriptions are slow and expensive.

The solution: UGREEN NASync series, powered by **Seagate IronWolf® Pro** hard drives. This joint solution provides a centralized, high-speed and secure private cloud tailored for the rigorous demands of photographers, video editors, filmmakers and content creators.

Creative challenge

- **Massive file sizes:** A single day of 4K/8K filming can generate terabytes of data, quickly outgrowing local laptop storage.
- **Performance bottlenecks:** Standard network speeds often cause lag when editing directly from a storage device.
- **Data integrity risks:** Hard drive failures are a matter of when, not if. Without RAID redundancy, a single crash can destroy months of work.
- **Collaborative friction:** Sending physical drives or waiting for cloud uploads delays delivery and complicates team workflows.

Integrated solution

1. High-performance hardware: UGREEN NASync

The UGREEN NASync series — including the **DXP4800 Plus** and the all-flash **DXP480T Plus** — is built on professional-grade architecture:

- **12th Gen Intel® Core™ i5 processors:** Provides the muscle needed for high-speed file indexing, real-time transcoding and smooth multitasking.
- **Dual 10GbE and Thunderbolt™ 4:** Enables direct-on-NAS editing with transfer speeds up to 2,500MB/s, eliminating the need to move files to a local drive first.
- **Expandable DDR5 memory:** Up to 64GB RAM to handle resource-heavy creative applications and multiple concurrent users.

2. Heart of the NAS: Seagate IronWolf Pro

Storage is only as reliable as the drives inside. Seagate IronWolf Pro drives are purpose-built for 24/7 NAS environments:

- **Up to 32TB per drive:** Scale your total library into the hundreds of terabytes.
- **AgileArray™ firmware:** Optimized for RAID performance and multi-user environments with Rotational Vibration (RV) sensors to maintain stability.
- **IronWolf Health Management (IHM):** Deeply integrated into the UGREEN UGOS Pro system, the IHM monitors drive health proactively.
- **Rescue Data Recovery Services:** Includes a three-year plan with a 95% success rate for recovering data from accidental damage or corruption.

Key benefits for creators

Photographers: smart organization

- **AI-powered photo management:** Automatically categorize thousands of RAW images by face, location or object using UGREEN's built-in AI.
- **SD card auto-import:** Plug in your media at the end of a shoot for automatic, high-speed backup to your Seagate-protected array.

Video editors and filmmakers: seamless post-production

- **Thunderbolt™ 4 connectivity:** Connect directly to your workstation for a 40Gbps data pipe—ideal for scrubbing through 10-bit 4:2:2 timelines without dropped frames. UGREEN NASync combines the simplicity and speed of direct attached storage with the flexibility of a full-featured NAS. With Thunderbolt over ethernet connectivity, creators can connect directly to the NAS for ultra-fast editing workflows while still benefiting from centralized storage, multi-user collaboration, remote access and advanced data protection.
- **SSD caching:** Use the UGREEN dual M.2 NVMe slots to accelerate read/write speeds for active project files while long-term archives sit safely on high-capacity Seagate hard drives.

Content creators: work from anywhere

- **UGREEN link remote access:** Access your entire B-roll library or send a Share Link to a client for review from any browser or mobile device — no complex VPN setup required.
- **Zero subscription fees:** Own your data and your storage. Stop paying monthly ‘storage taxes’ to cloud providers.

Use case comparison

Feature	External hard drive	Public cloud	UGREEN NAS + Seagate drives
Speed	Fast (direct)	Slow (internet)	Elite (10GbE/Thunderbolt 4)
Collaboration	Physical swap	Good	Instant (multi-user access)
Data protection	None	High	Professional (RAID + Rescue)
Cost	Low (single)	High (recurring)	One-time investment
Remote access	None	Excellent	Excellent (private cloud)

Conclusion

The partnership between **UGREEN NASync** and **Seagate IronWolf Pro** bridges the gap between creative inspiration and technical execution. By combining the industry’s fastest consumer NAS hardware with the world’s most reliable storage media, creators can stop managing drives and start creating content.

Secure your legacy. Speed up your delivery. Own your cloud.

To learn more about the UGREEN and Seagate partnership, [click here](#).