

The ultimate digital foundation for the modern home

UGREEN NASync Series and Seagate IronWolf: scaling from simple backups to a lifetime of memories

Solution brief

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Summary

As households transition to high-definition video and massive photo libraries, digital storage has become a cornerstone of family life. Managing these assets across multiple phones, laptops and tablets often leads to storage full warnings and rising monthly cloud fees.

The solution: The **UGREEN NASync Series** — powered by **Seagate IronWolf® Pro** hard drives — offers a scalable, subscription-free private cloud. By utilizing the latest 32TB drive technology, families can consolidate a lifetime of memories into a single, secure hub that's accessible from anywhere in the world.

A solution for every household

The UGREEN NASync ecosystem offers a range of hardware to fit specific household needs and are fully compatible with the industry's highest capacity drives.

1. Essential home hub (DH Series)

- **Models:** DH2300 (2 bay), DH4300 Plus (4 bay)
- **Key features:** Whisper-quiet fans, NFC one-touch phone pairing and low power consumption
- **Best for:** Families wanting automated photo backups and a simple, private alternative to Google Photos or iCloud

2. Media enthusiast (DXP Series)

- **Models:** DXP2800, DXP4800 Plus, DXP6800 Pro, DXP8800 Plus
- **Key features:** High-performance Intel processors, 10GbE networking and expandable DDR5 RAM
- **Best for:** Households running a 4K Plex media server, hosting high-speed gaming libraries or managing a small home business

3. AI-powered future (iDX Series)

- **Models:** iDX6011, iDX6011 Pro
- **Key features:** On-device AI processing and massive throughput for instantaneous local search
- **Best for:** Tech-forward homes that want smart organization without sending data to the public cloud

Massive capacity with Seagate IronWolf Pro

At the heart of the UGREEN NASync series are Seagate IronWolf Pro drives — the gold standard for home reliability.

- **Industry-leading 32TB capacity:** With individual drives now reaching **32TB**, a compact 4-bay NAS can store up to **128TB** of raw data, which is enough for over 30 million high-resolution family photos.
- **IronWolf Health Management (IHM):** Deeply integrated into the UGREEN UGOS Pro operating system, the IHM proactively monitors drive health and prevents data loss.
- **24/7 reliability:** Engineered for always-on performance, ensuring your family movie night or photo slideshow is never interrupted.
- **Rescue Data Recovery:** Every drive includes a **three-year rescue plan**, providing professional help to recover your data in the event of accidental damage.

Key household use cases

Private family vault

- **Auto-mobile backup:** Free up space on every family member's phone instantly. Photos and videos are backed up to the NAS the moment you connect to your home Wi-Fi.
- **AI photo organization:** Automatically group photos by person, location or date — all processed locally on your NAS hardware for total privacy.

Cinematic home entertainment

- **Centralized media server:** Store your entire collection of 4K movies and home videos in one place.
- **Smooth 4K playback:** Powerful onboard transcoding allows you to stream movies to any smart TV, tablet or phone without buffering, even when multiple people are watching at once.

Collaborative learning and projects

- **Private folders for every member:** Give every family member their own private storage space while keeping shared folders for vacation planning, school projects or household finances.
- **Global access:** Access your files from anywhere via the **UGREENlink** app, making it perfect for showing off photos to relatives or accessing schoolwork while traveling.

Smart home and security hub

- **Subscription-free surveillance:** Transform your NAS into a professional network video recorder (NVR). Using UGREEN's **SynCare** or any ONVIF/RTSP cameras, you can record months of high-definition footage locally with zero monthly fees.
- **Local home automation:** Use the built-in **Docker** support to host local automation platforms like **Home Assistant**. Control your lights, locks and sensors through the NAS, ensuring your smart home stays functional even if the internet goes down.

Household capacity guide (Seagate 32TB configuration)

NAS Model	Max hard drive capacity	Storage potential	Typical usage
DH2300	2×32TB	64TB	2-3 person households/ photo vault
DXP4800 Plus	4×32TB	128TB	Families/media enthusiasts
iDX6011 Pro	6×32TB	192TB	Power users/smart homes/4K video

Conclusion

The partnership between **UGREEN NASync** and **Seagate IronWolf Pro** empowers families to take control of their digital lives. With drive capacities reaching **32TB**, you no longer have to choose which memories to keep. Invest in a solution that scales with your family's growth and ensures your digital legacy is safe, private and always accessible.

Own your cloud. Protect your legacy.

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