



32TB



**Capacity Leadership for the AI Era:
32TB CMR Exos, SkyHawk AI and
IronWolf Pro Hard Drives
Now Available**

Key Takeaways

- > AI era demands scalable storage—32TB drives unlock the full value of data.
- > Seagate delivers 32TB CMR capacity across Exos, SkyHawk AI and IronWolf Pro portfolios.
- > Purpose-built solutions ensure reliability and optimal performance, reduce TCO and boost efficiency for diverse workloads.

In the modern era of data-hungry AI applications, the value of data has never been higher. Every insight, every model, every decision depends on data being available, secure and scalable.



66% of respondents anticipate moderate or significant storage expansion – mostly hybrid and tiered.

In a recent Seagate-commissioned IDC survey, 66% of enterprise leaders said their organizations expected moderate or significant storage growth over the next two years due to GenAI. But only 34.2% of respondents say their storage infrastructure is fully optimized for GenAI, while 38.4% are only partially prepared.

We know organizations that harness the full potential of their data gain competitive advantage, accelerate innovation and unlock new revenue streams. But as AI, edge analytics and cloud-scale workloads rewrite the rules of data growth, traditional capacity points aren't enough for enterprises to keep up.

That's why Seagate built a breakthrough hard drive: a world-first 32 terabytes (TB) of proven conventional magnetic recording (CMR) technology, delivered across three purpose-built product lines — Exos®, SkyHawk™ AI and IronWolf® Pro.

Following the blueprint established in cloud environments — where Seagate HAMR-enabled Mozaic technology at higher capacities is already proven — enterprise customers can confidently scale AI workloads across today's complex hybrid and multicloud infrastructures.

These greater densities aren't just about bigger drives. It's about maximizing the value of data by promoting sustainable growth without compromising performance or reliability, reducing total cost of ownership and shrinking rack footprints.

Here's how each product line addresses the unique challenges of its audience:

Exos 32TB: At enterprise and cloud data centers, every watt and every rack unit matters. The Exos 32TB with Mozaic® technology delivers unmatched areal density in a familiar 3.5-inch form factor, allowing operators to store more data per drive and reduce power per terabyte. With up to 2.5M-hour MTBF and proven platform reliability, Exos is engineered on industry-leading technology, crafted to power AI and data-intensive applications in cloud and enterprise environments. It enables confident scaling, meets performance goals, reduces OpEx and keeps data a strategic asset.

SkyHawk AI 32TB: Video and analytics workloads are booming at the edge.



75%

expect video file content to **increase by at least 2×** the current amount or more over the next five years.

In the IDC survey, more than 75% of respondents expected video file content to increase by at least 2× the current amount or more over the next five years, due to the use of GenAI.

AI-enabled network video recorders (NVRs) demand continuous capture of dozens of HD streams while running GPU analytics in parallel. Built for this reality, SkyHawk AI 32TB is an advanced video-optimized CMR drive designed for NVRs equipped with AI for edge security applications. Supporting over 10,000+ hours of video and analytics and boosting the heavy workloads of 24×7 surveillance systems, SkyHawk AI supports 3× the workload of standard surveillance drives. The drive comes with SkyHawk Health Management and Rescue Data Recovery Services.

IronWolf Pro 32TB: In NAS environments — whether powering small medium business (SMB) collaboration or creative media workflows — performance and reliability are non-negotiable. IronWolf Pro drives have been rigorously tested and qualified with leading NAS vendors for the best experience possible. IronWolf Pro 32TB combines NAS-optimized CMR platform with AgileArray™ for vibration tolerance and RAID stability in multi-bay NAS, plus IronWolf Health Management for predictive maintenance. NAS servers are constantly pushing data, whether downloading or uploading content. With a 550TB per year workload rating and 2.5M-hour MTBF, IronWolf Pro drives are built tough to handle NAS environments. With a five-year limited warranty plus three-year rescue services, it's the ultimate choice for teams that never stop creating.



Across all three lines, the message is clear: one 32TB CMR capacity breakthrough, tailored to diverse workloads and designed to unlock the full value of data in an AI-driven world. Whether you're scaling cloud infrastructure, deploying AI at the edge or expanding NAS for collaborative projects, Seagate 32TB drives deliver the leadership you can trust: optimal performance, efficiency and reliability.

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EXOS™



SKYHAWK AI™



IRONWOLF PRO™