

Better performance, capacity, density: New NetApp AFF A-Series and C-Series systems

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AFF A-SERIES

AFF C-SERIES

INTELLIGENT DATA INFRASTRUCTURE



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As organizations seek to modernize IT, data has never been more critical. Accelerating apps, increasing agility while managing rapid data growth, protecting critical data from ransomware and other cyberthreats, containing costs, and unleashing the power of AI and generative AI—these are core data challenges for every modern business.

Organizations can meet today's data challenges and thrive when they leverage a seamless, unified data storage ecosystem, founded on an intelligent data infrastructure. They need an infrastructure that enables them to power and protect workloads on their premises and in the cloud while unlocking the full value of their data with AI. We're proud to be the only storage vendor that enables customers to run block, file, and object workloads seamlessly on their premises and in the cloud with comprehensive data management and industry-leading data protection. That's the advantage of **NetApp® unified data storage** and our true hybrid multicloud data ecosystem.

Today's data storage announcements extend and enhance our unified data storage portfolio. Featuring new NetApp **AFF A-Series** and **AFF C-Series** announcements cap a busy year in which we've focused on

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delivering an intelligent data infrastructure that helps you achieve your modernization goals and set yourself up for future success.

Let's take a look at today's announcements.

The power of ONTAP packed in 2U

NetApp leads the industry with all-flash storage that delivers consistent performance, high-end features like scale-out clustering, and proactive ransomware detection and protection that are crucial for mission-critical workloads. Today, we're extending that leadership with new AFF A-Series high-performance unified data storage systems for an even wider range of customers and workloads. We introduced the AFF A70, AFF A90, and AFF A1K systems last May, and now we're adding the new NetApp AFF A20, AFF A30, and AFF A50 systems.

For customers who want to start small and grow, or for ROBO deployments, the AFF A20 starts at a capacity point as low as 15.35TB—the lowest in the industry for high-performance flash. The AFF A50 is an ideal system for midrange deployments. With a sleek 2U form factor comprising 24 SSDs, it delivers 2.5X the performance of the previous-generation AFF A400 in one-third the rack space.

Like our high-end AFF A-Series models, these systems deliver high levels of performance to accelerate your mission-critical workloads, including VMs, databases, AI, and file environments. These systems are powered by **NetApp ONTAP®** data management software, giving you all the intelligence, reliability, and comprehensive data management you expect from our unmatched single storage operating system.

Even better, the AFF A-Series helps you to elevate your storage efficiency with leading raw-to-effective capacity that's backed by a storage efficiency guarantee. Now your business can scale enterprise operations more effectively, and without the complexity of legacy solutions.

Take advantage of consistent submillisecond performance, always-on data reduction, proven six nines data availability, seamless cloud integration, and built-in, AI-powered, real-time Autonomous Ransomware Protection with AI (ARP/AI) with **99%+ accuracy** and guaranteed recovery. You don't have to be a Fortune 500 enterprise to need enterprise-class capabilities: now the same storage that companies like AstraZeneca,

TotalEnergies, and T-Systems rely on is available at capacities and price points that work for you.

Check out the new AFF A-Series.

Optimizing general-purpose workloads for capacity and affordability

In an unpredictable macroeconomic environment and with customer IT budgets still pinched, we introduced the breakthrough NetApp AFF C-Series last year so that customers can drive their tier 2 and general-purpose workloads with all-flash performance, high density, and power and space savings. Particularly for customers modernizing from hybrid flash, capacity-flash AFF C-Series is a game changer, and your response has been overwhelming: AFF C-Series soon became the fastest-ramping product in NetApp's history.

Today we're refreshing the AFF C-Series family with the new AFF C30, AFF C60, and AFF C80. Offering exceptional density with up to 1.5PB raw capacity in 2U, increased performance, and improved I/O flexibility, the new AFF C-Series is ideal for general-purpose workload consolidation. With these systems, NetApp has delivered a 4x density improvement in just the past year. When modernizing from hybrid flash, our customers enjoy floor space savings of up to 99%, power savings of up to 97%, and the performance gains of all flash.

Just like the AFF A-Series, C-Series systems protect data from ransomware attacks with real-time ARP/Al detection with 99%+ accuracy. Best of all, C-Series lowers TCO by using efficient flash storage while offering a competitive balance of performance and cost—it's the lowest capacity entry point for capacity-flash storage systems in the market.

Explore the new AFF C-Series.

Streamline with unified data storage across your ecosystem

All NetApp AFF A-Series and C-Series models (and our cloud services and FAS systems as well) provide unified data storage powered by ONTAP and share a seamless, hybrid

multicloud ecosystem, delivering a significant advantage to our customers with the **NetApp intelligent data infrastructure**.

With a single ecosystem, you can power mission-critical apps on industry-leading AFF A-Series systems, efficiently run tier 2 and general-purpose workloads on AFF C-Series capacity-optimized flash, and leverage data tiering onto FAS, cloud, or a **StorageGRID®** object-based storage solution to achieve the lowest cost of data. Run any data type, and any workload, across your ecosystem, with the same streamlined operational and protection models everywhere. NetApp ONTAP makes it possible. It's truly simplicity at scale.

NetApp has the intelligent data infrastructure solutions you need

These storage announcements cap a year in which we've been laser-focused on enhancing our customers' ability to power all their block, file, and object workloads on their premises and in the cloud with our intelligent data infrastructure.

Wherever you are in your modernization journey, and whatever your data and workload challenges, NetApp's industry-leading unified data storage can speed you on your path to business transformation and market advantage. Talk to your NetApp representative or partner today.

The NetApp Ransomware Recovery Guarantee referenced in this blog has specific terms and conditions that apply. No ransomware detection or prevention system can completely guarantee safety from a ransomware attack. Although it's possible that an attack might go undetected, NetApp technology acts as an important additional layer of defense.



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Sandeep Singh is Senior Vice President and General Manager of Enterprise Storage at NetApp. He has 20+ years of experience in enterprise technology spanning data infrastructure, data management, cloud services, hybrid cloud, hyperconverged infrastructure, AI Ops



SaaS, primary storage, storage as a service, backup as a service, disaster recovery, ransomware recovery.

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