

DATASHEET

# Entry-level systems overview: AFF C190, AFF A250, FAS2720, FAS2750

A simple and cost-effective  
approach to your storage  
infrastructure





### **Affordable and simple yet powerful storage starts here**

Organizations large and small are operating at a rapid pace in today's data-driven economy. Delivering data simply, quickly, and cost-effectively is the cornerstone of business growth. Many small enterprises are still using hard drive systems because of the high cost of hybrid or all-flash solutions. Thankfully, these solutions are no longer out of reach. The NetApp® entry-level systems, powered by NetApp ONTAP® data management software, offer a simple, smart, and secure enterprise-class flash solution at an affordable price, providing you with the most value from your investment.

The AFF C190, AFF A250, FAS2720, and FAS2750 systems provide this value by:

- **Deploying workloads in under 10 minutes from power-on to serving data.** A simple wizard guides you in quickly setting up and configuring the system. Built-in workflows for Oracle, Microsoft SQL Server, MySQL, MongoDB, VMware, and other applications allow you to easily provision storage for your applications as needed.
- **Managing file and block on a single system.** You can simplify your infrastructure by consolidating file and block data onto a single storage system, and easily scale nondisruptively as the data grows. With one interface to manage all your data, you can increase your IT team's productivity.
- **Connecting to any public cloud with ease.** The systems deliver industry-leading hybrid cloud integration, supporting all major public clouds such as AWS, Google Cloud, Microsoft Azure, IBM Cloud Storage, and Alibaba Cloud.

### **Key benefits**

#### **Simplify IT operations**

- Unify data services across SAN and NAS environments, both on the premises and in the cloud.
- Configure a complete system and serve data within 10 minutes with ONTAP System Manager.
- Effortlessly connect to public clouds with leading integration to AWS, Microsoft Azure, Google Cloud, and others.

#### **Reduce data center costs**

- Build a flash storage infrastructure at an affordable price.
- Reduce storage cost with ONTAP data reduction technologies.
- Automatically tier cold data or back up to the cloud.
- Gain data-driven insights and prevent costly problems with the Active IQ Digital Advisor tool.

#### **Maintain data security and availability**

- Back up data locally and achieve near-instant recovery with space-efficient Snapshot copies.
- Maintain business continuity and data availability with SnapMirror synchronous replication.
- Protect against threats with multifactor authentication and role-based access control.
- Enable General Data Protection Regulation (GDPR) compliance with cryptographic shredding.

## Work smarter, not harder

Our entry-level systems employ various capabilities to promote optimal capacity savings and to reduce TCO.

- Reduce infrastructure costs with comprehensive storage efficiency capabilities. Data reduction features in ONTAP, including compression and deduplication, work together to help optimize the capacity needed.
- Maximize performance and reduce overall storage costs by automatically tiering cold data with FabricPool and backing up to the cloud.
- Gain data-driven, actionable insights from the NetApp Active IQ® Digital Advisor tool to solve problems before they occur, optimize configuration, save time, and make smarter decisions.

## Keep data available, protected, and secure

These systems come with a full suite of data protection capabilities to keep data secure and available across the hybrid cloud. With the simple and efficient security solutions, you can:

- Back up data locally or accelerate business operations with near-instant recovery from NetApp Snapshot™ copies.
- Achieve business continuity with NetApp SnapMirror® synchronous technology, which eliminates the risk of data loss by mirroring data between locations for continuous availability of information with zero downtime.
- Protect at-rest and in-transit data from internal and external threats with NetApp Volume Encryption, and enhance data access control with multifactor authentication.
- Meet privacy standards, including GDPR, by cryptographically shredding and sanitizing individual files.

## Our systems

Know which system is right for you.



### AFF C190

An affordable all-flash system to migrate primary workloads from SAS 10K HDD systems. This product is ideal for enterprise applications, file share, and hybrid workloads. It's a data center in a box.



### AFF A250

An all-flash system that's ideal for virtualization and consolidation of enterprise applications (for example, Oracle, SAP HANA, and Microsoft SQL Server). It's also ideal for emerging workloads (such as artificial intelligence/machine learning, real-time analytics, and MongoDB).



### FAS2720

A hybrid-flash system that's ideal for data backup, archiving, file share, and deployments that require high capacity.



### FAS2750

An affordable hybrid-flash system that's ideal for enterprise applications, file share, and hybrid workloads. This system is a data center in a box.



	<b>AFF C190</b>	<b>AFF A250</b>	<b>FAS2720</b>	<b>FAS2750</b>
<b>Suited for</b>	Small and midsize businesses that require all-flash storage for IT generalists at an affordable price	Small and midsize businesses that require all-flash storage for balancing performance and value	Small and midsize businesses that require hybrid flash storage for simple deployment and high-capacity use cases	Small and midsize businesses that require hybrid flash storage for simple deployment and operations at an affordable price
<b>Express Pack configurations</b>	<ul style="list-style-type: none"> <li>• 8x 960GB SSD</li> <li>• 12x 960GB SSD</li> <li>• 18x 960GB SSD</li> <li>• 24x 960GB SSD</li> </ul>	<ul style="list-style-type: none"> <li>• 8x 1.92TB SSD</li> </ul>	<ul style="list-style-type: none"> <li>• 8x 4TB NL-SAS</li> <li>• 12x 4TB NL-SAS</li> <li>• 12x 8TB NL-SAS</li> </ul>	<ul style="list-style-type: none"> <li>• 12x 1.2TB SAS</li> <li>• 24x 1.2TB SAS</li> <li>• 24x 1.8TB SAS</li> <li>• 4x 960GB SSD + 20x 1.2TB SAS</li> <li>• 4x 960GB SSD + 20x 1.8TB SAS</li> </ul>
<b>Protocols supported</b>	FC, FCoE, iSCSI, NFS, pNFS, SMB	NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, Amazon S3	FC, FCoE, iSCSI, NFS, pNFS, CIFS/SMB	FC, FCoE, iSCSI, NFS, pNFS, CIFS/SMB
<b>OS version</b>	ONTAP 9.6 GA or later	ONTAP 9.8 RC1 or later	ONTAP 9.4 RC1 or later	ONTAP 9.4 RC1 or later

### About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere. [www.netapp.com](http://www.netapp.com)

