

# NetApp AFF C190



## What Is It?

- > The AFF C190 is NetApp’s new simple, smart and secure entry-level flash storage system.
- > It offers up to 24 × SSDs in a 2U footprint in 8, 12, 18 and 24 drive 960GB SSD HA configurations.
- > The C190 offers a 4 × 10GBASE-T host configuration per controller or a 4 × 10GbE or 16GB FC UTA2 host configuration per controller. 1GbE is also configurable with the UTA2 configuration.
- > It is available exclusively in Express Packs and with the 3:1 [Efficiency Guarantee](#) users can expect ~13TB, 24TB, 40TB or 55TB, depending on the configuration selected.

## Why Should You Care?

- > The NetApp AFF C190 will help your customers modernize their infrastructure at an affordable price point.
- > Even at the entry level, the C190 includes all the features that ONTAP is known for, including superior storage efficiencies, cloud flexibility, non-disruptive upgrades, built-in data protection and security.
- > Turn “flash is too expensive” conversations into flash opportunity conversations with the same \$/GB as SAS 10K. The AFF C190 makes the data fabric more accessible to smaller organizations.
- > With a fixed pricing and discounting structure, pricing couldn’t be easier. Get competitive quotes into your customers’ hands quicker.

## Feature Comparison – AFF C190 and AFF A220

	AFF A220	AFF C190
<b>Controller</b>	Single Chassis, HA Pair	Single Chassis, HA Pair
<b>CPU and Memory (per controller)</b>	12-core CPU, 32GB RAM	8-core CPU, 32GB RAM
<b>SSDs</b>	SAS SSD non-encrypted: 960GB, 3.8TB, 7.6TB FIPS: 3.8TB	SAS SSD non-encrypted: 960GB
<b>Configurations</b>	Internal SSDs: 12 or 24 drives CTO and Express Packs DS224C storage shelf: 12 or 24 drives Add-On storage at PoS	Internal SSDs: 8, 12, 18, 24 Express Packs Only No expansion Shelf (clustering allowed) No Add-on storage at PoS
<b>Expansion Storage</b>	Internal: 6x SSD drive packs DS224C storage shelf: 12 or 24 drives	Internal: 6x SSD drive packs No expansion beyond 24x internal drives
<b>Max drive count</b>	144	24
<b>Storage Efficiency</b>	AFF Storage Efficiency Program	
<b>IO's</b>	Unified: 4x UTA2 ports Ethernet: 4x 10GBASE-T ports	
<b>Clustering</b>	Switchless and Switched	
<b>MCC</b>	Yes	No

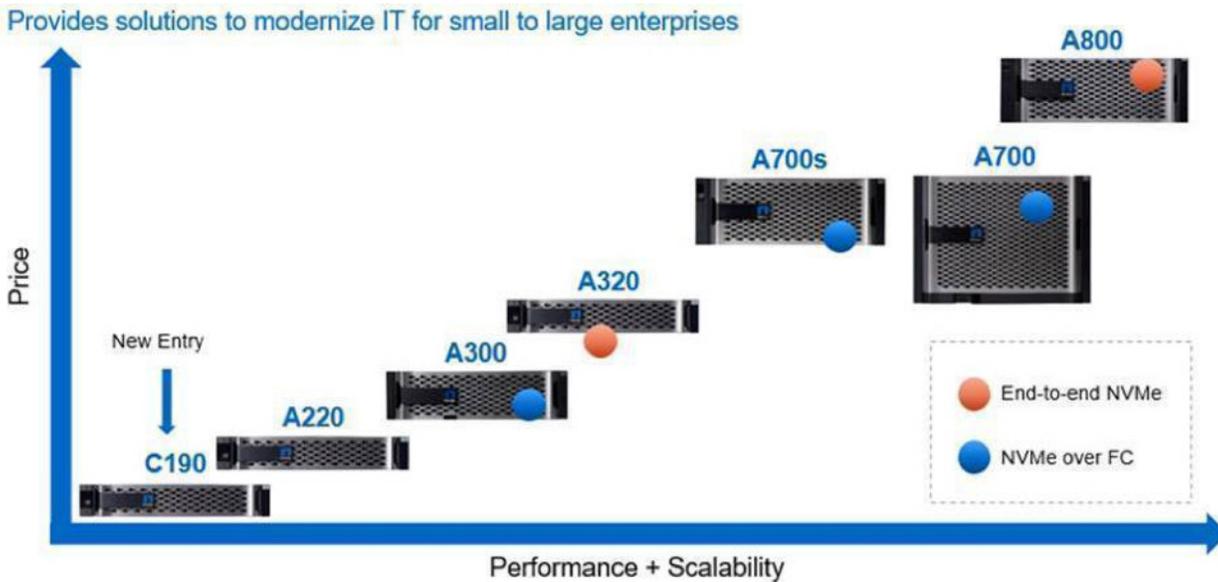
## Differentiation in the Market

- > NetApp's All-Flash FAS (AFF) arrays guarantee a 3:1 effective capacity ratio on all workloads, with industry-leading SPC-1 benchmarks, tailored QoS features, robust cloud integration and a truly unified architecture, leaving no doubts as to why NetApp's AFF has been the fastest-growing AFA vendor for the last 4 years in a row.

## How Do You Position and Sell?

- > The NetApp AFF C190 manages file and block data on a single entry-level system and includes NetApp's Premium Flash Software Bundle.
- > Your customers can accelerate performance and improve response time by 10x in database, virtualization and file system environments.
- > With this affordable flash solution, help your customers migrate primary workloads from SAS 10k.
- > The [Run to NetApp](#) promotion simplifies competitive transitions with subsidized migration services (Dell EMC, HPE and IBM).

## NetApp AFF Price/Performance Chart



## For More Information

- > [Video: Introducing NetApp C190](#)
- > [AFF C190 Quick Reference Guide](#)
- > [Technical FAQ](#)
- > [AFF C190 Technical Presentation](#)
- > [C190 360 View Demo](#)

Please contact the Arrow NetApp team for more information at [netappengineer@arrow.com](mailto:netappengineer@arrow.com)