AFF A220, A300 A320 and A700s Tech Specs

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	AFF A700s	AFF A320	AFF A300	AFF A220
Maximum scale-out	2–24 nodes (12 HA pairs)	2–24 nodes (12 HA pairs)	2–24 nodes (12 HA pairs)	2–24 nodes (12 HA pairs)
Maximum SSDs	2,592	576	4,608	1728
Maximum effective capacity[1]	316.3PB	35PB	562.2PB	171.5PB

Per-System Specifications (Active-Active Dual Controller)

	AFF A700s	AFF A320	AFF A300	AFF A220
Controller form factor	4U with 24 SSD slots	2U	3U	2U with 24 SSD slots
PCIe expansion slots	8	4	4	n/a
FC target ports (32Gb autoranging)	8	16	8	n/a
FC target ports (16Gb autoranging)	16	16	24	8
FCoE target ports, UTA2	n/a	n/a	24	8
100GbE ports (40GbE autoranging)	n/a	24	n/a	n/a
40GbE ports (10GbE autoranging)	16	n/a	8	n/a
10GbE ports	n/a	16	20	12
10Gbase-T (1GbE autoranging)	n/a	16	12	n/a
12Gb/6Gb SAS ports	16	n/a	24	4
Storage networking supported	NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3	NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3	NVMe/FC, FC, FCoE, iSCSI, NFS, pNFS, SMB, S3	FC, FCoE, iSCSI, NFS, pNFS, SMB, S3
OS version	ONTAP 9.1 GA or later	ONTAP 9.6 or later	ONTAP 9.1 RC1 or later	ONTAP 9.4 RC1 or later
Shelves and media	DS224C (2U; 24 drives, 2.5" SFF); DS2246 (2U; 24 drives, 2.5" SFF)	NS224 (2U; 24 drives, 2.5" SFF NVMe)	DS224C (2U; 24 drives, 2.5" SFF); DS2246 (2U; 24 drives, 2.5" SFF)	DS224C (2U; 24 drives, 2.5" SFF); DS2246 (2U; 24 drives, 2.5" SFF)
Host/client OS supported	Microsoft Windows 2000, Windows Server 2003, Windows Server 2008, Windows Server 2012, Windows Server 2016, Linux, Oracle Solaris, AIX, HP-UX, Mac OS, VMware, ESX			

[1] Effective capacity based on 5:1 storage efficiency ratios with the maximum number of SSDs installed; space savings will vary dependent on workload and use cases.

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.

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