



AFF A300, A320 and A700s Tech Specs

	AFF A700s	AFF A320	AFF A300
Maximum scale-out	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
Maximum effective capacity ¹	316.3PB	35PB	562.2PB

Per-System Specifications (Active-Active Dual Controller)

	AFF A700s	AFF A320	AFF A300
Controller form factor	4U with 24 SSD slots	2U	3U
PCIe expansion slots	8	4	4
FC target ports (32Gb autoranging)	8	16	8
FC target ports (16Gb autoranging)	16	16	24
FCoE target ports, UTA2	n/a	n/a	24
100GbE ports (40GbE autoranging)	n/a	24	n/a
40GbE ports (10GbE autoranging)	16	n/a	8
10GbE ports	n/a	16	20
10Gbase-T (1GbE autoranging)	n/a	16	12
12Gb/6Gb SAS ports	16	n/a	24
Storage networking supported	NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB	NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB	NVMe/FC, FC, FCoE, iSCSI, NFS, pNFS, SMB
OS version	ONTAP 9.1 GA or later	ONTAP 9.6 or later	ONTAP 9.1 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)
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.

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