

NETAPP AFF C800, C400, AND C250 TECH SPECS

Table 1) NetApp® AFF C-Series technical specifications.

	AFF C800	AFF C400	AFF C250
Maximum scale-out	2–24 nodes (12 HA pairs)	2–24 nodes (12 HA pairs)	2–24 nodes (12 HA pairs)
Maximum SSDs	2,880	1,152	576
Maximum effective capacity¹	354PB	141PB	71PB

Per-system specifications (high-availability dual controller)

	AFF C800	AFF C400	AFF C250
Controller form factor	4U with 48 SSD internal slots	4U	2U with 24 SSD internal slots
PCIe expansion slots	8	10	4
FC target ports (32Gb autoranging)	32	24	16
FC target ports (16Gb autoranging)	32	32	n/a
100GbE ports (40GbE autoranging)	20	16	8 ²
40GbE ports (can be 4x 10GbE)	n/a	n/a	n/a
25GbE ports (10GbE autoranging)	16	16	16
10GbE ports	32	32	n/a
10GBASE-T (1GbE autoranging)	n/a	16	4
Storage networking supported	NVMe/TCP, NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3	NVMe/TCP, NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3	NVMe/TCP, NVMe/FC, FC, iSCSI, NFS, pNFS, CIFS/SMB, S3
OS version	ONTAP 9.12.1 P1 or later	ONTAP 9.12.1 P1 or later	ONTAP 9.12.1 P1 or later
Shelves and media	NS224 (2U, 24 drives, NVMe QLC SSDs)	NS224 (2U, 24 drives, NVMe QLC SSDs)	NS224 (2U, 24 drives, NVMe QLC SSDs)
Power consumption (median)	1463W	1240W (with NS224)	491W
Host/client OS supported	Windows Server, Linux, Oracle Solaris, IBM AIX, HP-UX, macOS, VMware, ESX		

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

²The AFF C250 supports 8 100GbE ports for ONTAP 9.13.1 or later, and 4 ports for earlier ONTAP releases.



Contact Us

About NetApp

NetApp is the intelligent data infrastructure company combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, then harnesses observability and AI, to enable the best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility and our data services create a data advantage through superior cyber-resilience, governance, and applications agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload or environment, transform your data infrastructure to realize your business possibilities with NetApp. www.netapp.com

