



**EMC Celerra
Unified Storage Platforms**



**EMC Celerra
Gateway Platforms**

**Applications
profile**

Distributed file server environments with specific performance, availability, and scalability requirements in a unified storage environment where SAN infrastructure is not a requirement

Environments with existing SAN infrastructure, growing deployments of file servers, and specific multi-protocol performance, availability, and scalability requirements

NAS servers

NX4

1 or 2 X-Blades

NS-120

1 or 2 X-Blades

NS-480

2 or 4 X-Blades

NS-960

2 to 8 X-Blades

NS40G

* 1 or 2 X-Blades

NS-G8

* 2 to 8 X-Blades

Packaging

Unified storage solution with up to 8 X-Blades and EMC CLARiiON storage

Gateway solution with up to 8 X-Blades

**Number of
control
stations**

1 (1-2 for NS-960)

1 (1-2 for NS-G8)

Maximum storage capacities

NX4

- * Up to 32 TB usable (16 TB maximum per active X-Blade), SAS and SATA drives
- * Up to 60 drives raw capacity

NS-120

- * Up to 64 TB usable (32 TB maximum per active X-Blade), FC and SATA drives
- * Up to 120 drives raw capacity

NS-480

- * Up to 192 TB usable (64 TB maximum per active X-Blade), FC, SATA and flash drives
- * Up to 480 drives raw capacity

NS-960

- * Up to 760 TB usable (128 TB maximum per active X-Blade), FC, SATA and flash drives
- * Up to 960 drives raw capacity

NS40G

- * Up to 128 TB usable (64 TB maximum per active X-Blade), FC and SATA drives
- * Up to 256 TB raw capacity based on RAID 1 configuration

NS-G8

- * Up to 896 TB usable (128 TB maximum per active X-Blade), FC and SATA drives
- * Up to 1.8 PB raw capacity based on RAID 1 configuration

**Network
access**
NX4

- * 4 Copper GigE ports per X-Blade
- * 4 Fibre Channel Ports

NS-120

- * 4 Copper GigE ports per X-Blade
- * 8 Fibre Channel ports

NS-480

- * 4 Copper GigE ports per X-Blade or 2 Copper and 2 Optical GigE per X-Blade
- * 8 Fibre Channel ports

NS-960

- * 6 UltraFlex IO slots per X-Blade*
- * Up to 12 Fibre Channel ports

* Slot can contain either quad 10/100/1000, dual GigE Optical + dual 10/100/1000, or single 10GigE Port

NS40G

- * 4 Copper GigE ports per X-Blade

NS-G8

- * 6 UltraFlex IO slots per X-Blade*

* Slot can contain either quad 10/100/1000, dual GigE Optical + dual 10/100/1000, or single 10GigE Port

**Network
protocols**

NFS v2, v3, & v4, CIFS, FTP, SNMP, NDMP, NTP, SNTP, TFTP, iSCSI, MPFS, Fibre Channel Option

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**Operating
environments**

UNIX, Windows, Linux, Novell (iSCSI only), Mac (NAS only)

UNIX, Windows, Linux, Novell (iSCSI only), Mac (NAS only)

Software

* EMC Celerra Anti-Virus

* EMC Celerra Automated Volume Management

* EMC Celerra Data Deduplication

* EMC Celerra Replicator

* EMC SnapSure

* EMC Celerra FileMover

* EMC File Level Retention

* EMC Celerra MPFS

* EMC Celerra Anti-Virus

* EMC Celerra Automated Volume Management

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* EMC Celerra Replicator

* EMC SnapSure

* EMC Celerra FileMover

* EMC File Level Retention

* EMC Celerra MPFS

Management options

EMC Celerra Manager (Basic or Advanced Edition), Microsoft Management Console, Command Line Interface (CLI)

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