

CTERA EDGE X SERIES

Next-Generation Enterprise File Services
in a Unified, Hyperconverged Solution



- Unified enterprise edge compute and distributed file services
- Hyperconverged system consolidating server, storage and networking
- Global file system with multi-cloud tiering for unlimited scaling
- High-performance all-flash supporting thousands of local users
- Triple redundancy with both local and cloud failover
- Local and cloud deduplication driving storage and network efficiency
- Enterprise-grade hardware with global 24/7 support

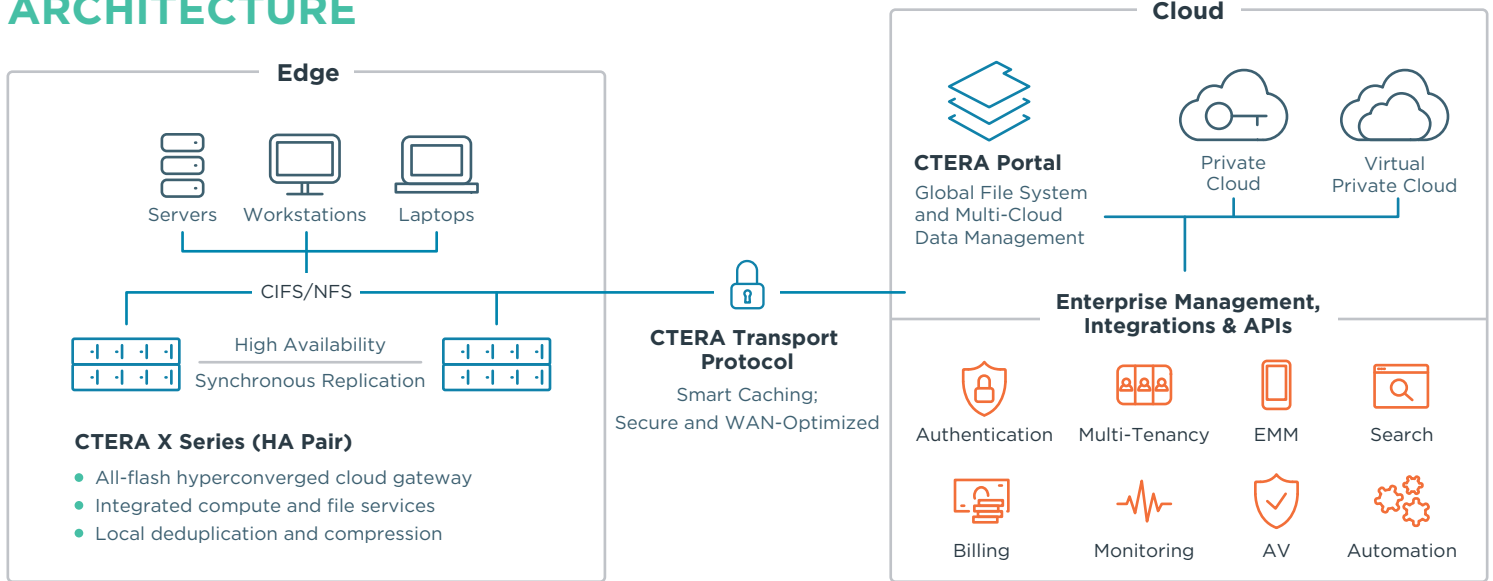
The CTERA Edge X Series is the most powerful and versatile appliance in the CTERA Edge Filer product line. Based on a two-node, all-flash system that delivers superior performance, the X Series combines all-in-one edge compute and distributed file services in a single device. The X Series offers high availability with both local and cloud disaster recovery, supports local and cloud deduplication to drive storage and network efficiencies, and enables the management of multiple tier-1 applications.

The CTERA Edge Filer product line comprises physical and virtual appliances that facilitate smart multi-cloud tiering and multi-site collaboration for remote sites. CTERA Edge Filers replace expensive NAS and file servers and connect siloed data islands at the edge into a single namespace, or global file system. CTERA Edge Filers enable a wide range of enterprise file services, including CIFS/NFS, home folders, multi-site collaboration, and VDI services.

Built on leading hyperconverged infrastructure (HCI), the CTERA Edge X Series enables significant consolidation of hardware, file services, and applications. It is designed for distributed enterprises with mission-critical files and thousands of users at remote sites, simplifying the management of edge computing and file services at scale.

The CTERA Edge X Series offers the highest levels of data security, with FIPS 140-2-validated cryptography and full control over key management and data residency. Customers also enjoy global 24x7 support with onsite services and four-hour response time.

ARCHITECTURE



SYSTEM SPECIFICATIONS

- Recommended Sizing: Up to 5,000 Users
- Minimum Configuration: 2 x 2U rack nodes
- CPU: Intel® Xeon® Gold
- Memory: 192 GB
- Ethernet: 4x1GbE, 4x10GbE (copper)
- Power Supply: 800W (max), dual redundant

Available Models

CTERA XC900

- Usable Local Cache: 24 TB (after dedup)
- Storage: 9 x 1.92 TB SSD per node (RAID-6)

CTERA XC1200

- Usable Local Cache: 40 TB (after dedup)
- Storage: 12 x 1.92 TB SSD per node (RAID-6)

Edge

- File Access Protocols: SMB, NFS, Web, rsync
- Hypervisor: VMware ESXi
- Local Optimization: in-line deduplication and compression
- Local High Availability: synchronous replication and failover
- User Authentication: Active Directory

Cloud

- Continuous asynchronization cloud and multi-site replication
- Accelerated desktop and mobile file sync & share
- User-defined caching and data tiering policies
- Cloud failover for offsite disaster recovery
- Bandwidth efficient global deduplication and throttling
- Configurable retention policy for file versioning and snapshots
- Cloud seeding for shipping and direct uploading of initial replica

Security

- Encryption: volume-level, in-transit (TLS 1.2) & in-cloud (AES-256)
- 100% private cloud option
- Private encryption keys
- DLP and antivirus integration

Management

- Multi-tenant administration
- Scalable to thousands of sites
- Group policies and service plans
- Central auditing and monitoring
- Remote access and firmware upgrades