



New EMC CLARiiON CX3 UltraScale Series

Breakthrough architecture and innovation designed to deliver maximum new levels of scale, reliability, ease-of-use, and affordability

When information comes together, breakthrough architecture and innovation are the order of the day.

Overview

Companies of all sizes are facing exploding volumes of information while striving to get maximum value from that information in the face of the cost and complexity of today's IT environments.

To help customers address these challenges, EMC introduces the EMC® CLARiiON® CX3 UltraScale™ series with breakthrough architecture and innovation.

The EMC CLARiiON CX3 UltraScale series extends EMC's leadership in networked storage with the third generation of CLARiiON CX series systems. The EMC CLARiiON CX3 UltraScale series is the industry's only midrange storage solution designed from the ground up to deliver maximum business benefits—unprecedented application performance, the highest levels of scalability and reliability, and ease-of-use capabilities.

Now more businesses than ever can stay in step with their growing information volumes and their business needs, while implementing the most advanced—yet easy-to-manage—tiered storage solutions. And they can do it more affordably than ever before.

Key Takeaways

Breakthrough Architecture for Industry-Leading Application Performance

UltraScale is a breakthrough architecture—the only midrange storage architecture that sustains maximum throughput and performance for a wide variety of business applications. With state-of-the-art I/O interconnect based on native PCI Express technology, UltraScale delivers high-bandwidth, low-latency characteristics that enable the CX3 UltraScale series to capitalize on the industry's only full 4 Gb/s capabilities throughout the entire system. Processing power improvements deliver significant performance increases in business applications and array-based replication software such as EMC SnapView™, SAN Copy™, and MirrorView™ functionality.

With forty-five patents pending, the UltraScale architecture allows the CX3 series to scale higher, enabling customers to consolidate more in a single system. In fact, competitors will require two systems to handle the workload that can be consolidated in a single CX3 model 80.

New Levels of Scalability and Resiliency to Keep Up with Your Business

Every organization today faces the challenge of keeping up with the growth of information. The CLARiiON CX3 UltraScale series helps meet that challenge by scaling from the 365 GB capacity entry-point CX3 model 20 up to the 239 TB capacity CX3 model 80, the world's largest midrange storage platform. Customers can let their information grow as fast as their business, without the difficulties of data migrations or new management tools.



The modular design of the UltraScale architecture and intelligence of the CX3 platform offer more granular fault-detection, isolation, and error-correction capabilities throughout the CX3 UltraScale series. Increased redundancy and fault tolerance have been built in through power and cooling improvements, and advances in EMC's unique UltraPoint™ technology deliver the highest levels of resiliency.

Tiered Storage Flexibility: Matching Service-Level and Budget Requirements

Not every application demands maximum performance—or the investment needed to get it. So the new CLARiiON CX3 UltraScale series gives customers the flexibility to choose multiple configuration options and easily make changes as required. Customers can deploy a combination of disk drive technologies simultaneously within a single system to support a variety of application requirements—4 Gb/s FC drives for maximum performance, 2 Gb/s FC drives and 2 Gb/s low-cost FC drives for high-capacity, low-cost storage requirements. Flexible tiered storage deployments are available as UltraScale understands the performance characteristics of the drives being added.

As application requirements change, CLARiiON's unique Virtual LUN technology can be used to non-disruptively move data from one tier of storage to a higher or lower tier and between 2 Gb/s and 4 Gb/s drives within the same CLARiiON CX3 UltraScale series system to take advantage of the full UltraScale architecture. By matching performance and financial investment to the needs of the application or business process, information gets delivered as fast as it is needed, and budgets can go further than ever.

New Ease-of-Use Capabilities

The CLARiiON CX3 UltraScale series simplifies routine maintenance by combining customer-replaceable components with assured data protection. Customers now can non-disruptively replace disk drives, power supplies, fans, and small form-factor pluggable (SFP) optical transceivers on their own. EMC is also introducing a new tool—a disk replacement utility wizard—that guides a customer through the disk-replacement process, while automatically checking each step to make sure data is protected at all points in the process. With this comprehensive set of advanced tools and resources, EMC empowers CLARiiON users with expertise to accelerate time-to-resolution.

Better Protection for Your Information—and Your Investment

The EMC CLARiiON CX3 UltraScale series offers the industry's best investment protection—enabling data-in-place upgrades from previous-generation CLARiiON CX models—as well as throughout the CX3 series. EMC further safeguards your investment with consistent software capabilities across generations, online software upgrades, and continuous delivery of enhanced functionality designed to work with both new and existing systems. With management consistency between new CX3 and existing CX generations of CLARiiON systems, customers can build on their current investments, growing within the CLARiiON family without the need for disruptions in processes, management tools, or skill sets. And with software compatibility between CLARiiON CX3 and CX systems, advanced capabilities such as replication can be leveraged across the environment, increasing flexibility and investment protection.

Take the Next Step

Learn how the new EMC CLARiiON CX3 UltraScale series of midrange storage systems can deliver the highest application performance, tiered storage flexibility, enhanced ease-of-use, and the industry's best information and investment protection to your business. Learn more at www.EMC.com/CX3. In North America, you can also call EMC directly at 1-866-464-7381.