The UML E-series packs up to 48TB and delivers up to 8Gbps in a compact 3RU chassis.

Universal MediaLibrary E-series

Enterprise-class storage in an economical footprint

Key features and operational benefits

Simultaneous NAS and SAN
- SAN: Fibre Channel or iSCSI
- NAS: CIFS, NFS, FTP
- No reconfiguration or gateways

Economical footprint
- From 16TB to 64TB per 3RU chassis
- Expanded capacity option with a 3RU JBOD (16TB/32TB/48TB/64TB)

Operational flexibility
- Real-time PTA
- High-performance production
- Media factory applications

Media-centric file layout
- Space efficiency for small files and high streaming performance for large media files

Client-based bandwidth control
- Integration with LDAP and Active Directory for IT-friendly multi-user access administration

Highly availability
- RAID 6-protected drives and HA servers
- File-level mirroring and replication

The XOR Universal MediaLibrary E-series is an entry level storage infrastructure that aims to achieve the performance and reliability of large enterprise storage and the flexibility and scalability of small to medium-sized systems. It is a high-density storage providing operators the capacity to store thousands of hours' worth of content in an economical footprint. It features load balancing and system failover capabilities, offering operators new levels of performance, reliability, and scalability, without limiting deployment options.

As the entry-level storage of the Universal MediaLibrary (UML) line, the UML E-series offers 16TB, 32TB, 48TB and 64TB capacity options, each housed in a compact 3RU chassis per unit or node. The UML can scale out in capacity up to 64ZB in a single global namespace. Dynamic online expansion happens in less than 10 seconds.

The Universal MediaLibrary is the storage solution that features simultaneous NAS and SAN access. Files on the UML can be accessed via Fibre Channel, iSCSI, CIFS, NFS, and FTP without needing to reconfigure the system or set up gateways. Being able to support both NAS and SAN in a single file system means that a company doesn't need to set up islands of storage systems for equipment requiring different types of connections. All media assets may be managed and accessed in a single global namespace. The Universal MediaLibrary is unique in

being able to support real-time play-to-air, high-performance production, and media factory applications, giving operators the ability to maximize the value of their storage investment and at the same time simplify their workflow.

The Universal MediaLibrary employs a media-centric file layout allowing space efficiency for small files and high-streaming performance for large media files. The UML is well suited for multi-user environments due to its client-based bandwidth control, integration with LDAP and Active Directory for IT-friendly multi-user access administration, and file notification for efficient media inventory management.

The UML E-series is reliable, with field-replaceable parts, hot-swappable drives, and redundant power supplies. It ensures no single point of failure with RAID 6 protection and High Availability controllers.

Universal MediaLibrary E-series Product Specifications

Chassis	3RU rack mount chassis
Connectivity	iSCSI SAN + NAS (4 x 10GbE) or FC SAN (4 x 8Gb FC) + NAS (GbE)
Power Supply	- 1+ 1 redundant 1200W PSUs - AC input: 100-240V, 8-5 Amps, 50-60Hz - DC output: -48 VDC, +12V/83A; +5Vsb/4A
Dimensions	5.2" H x 17.2" W x 25.5" D
Weight	95 lbs (43.09 kg)
Operating Environment	- Operating temperature: 10-35 °C (50-95 °F) - Operating humidity: 20-90 %, RH, NC - Non-operating temperature: -40-70 °C (-40-158 °F) - Non-operating humidity: 5-95 %, RH, NC
Regulatory Compliance	*** FCC CFR 47 Part 15 A** - This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. *** EN55022** - Conducted emissions. European Union EMC Low Voltage Directive. *** AS/NZ3548** - In accordance with Australia/New Zealand Conducted emissions requirements for Class A, Information Technology Equipment (I.T.E.). *** VCCI** - In accordance with Japanese limits and margins of compliance to VCCI requirements. *** CE European Low Voltage Directives** - EN55024:1998 EN61000-4-2:1995 Immunity, ESD - EN55024:1998 EN61000-4-3:1995 Immunity, Radiated - EN55024:1998 EN61000-4-4:1995 Immunity, EFT - EN55024:1998 EN61000-4-5:1995 Immunity, Surge, ±2KV Common Mode, ±1KV Diff. - EN55024:1998 EN61000-4-6:1995 Immunity, Conducted RF - EN55024:1998 EN61000-4-8:1995 Immunity, Power Frequency Magnetic Field - EN55024:1998 EN61000-4-11:1995 Immunity, Voltage Variations - EN61000-3-2:2000 Harmonic Current Emissions - EN61000-3-3:2000 Voltage Fluctuations and Flicker *** CB Scheme** - IEC 60950-1, Information Technology Equipment – Safety. Part 1, General Requirements Editions 1 & 2. *** Safety** - ETL Intertek in accordance with safety standard OSHA 60950-1 Information Technology Equipment. - 60950-1, Information Technology Equipment – Safety. Part 1, General Requirements Edition 1. - CSA C22.2 No. 60950-1, Information Technology Equipment – Safety. Part 1, General Requirements Edition 1. - IEC 60950-1, Information Technology Equipment– Safety. Part 1, General Requirements Editions 1 & 2. - ROHS Compliant (Directive 2002/95/EC on the Restriction of Certain Hazardous Substances)