The Liqid Element Extended length 2.5" U.2 NVMe SSD features high dense capacity and extreme performance for mission-critical and performance-demanding workloads. It is an extended form factor 2.5" 15 mm design that works with systems that have extended length 2.5" U.2 NVMe slots. This makes the Element U.2 ideal for deployment in data center and enterprise applications.

The Element U.2 offers a hot pluggable Gen 3.0 PCIe interface with single- and dual-port configurations, which enables high-throughput and high-availability. It utilizes the latest NVMe protocol in order to deliver increased performance and efficiency from a single device. The U.2 outperforms legacy architectures by delivering 850 K IOPS of random performance, over 3.60 GB/s of throughput and ultra-low transactional latency of 20 µs.

The Element U.2’s innovative design enables multiple drive configurations ranging from maximum performance to maximum redundancy. The U.2 also features enterprise-class power failure protection for increased reliability to prevent data loss and ensure uninterrupted work in case of power failure.

Key Features
- High Performance PCIe SSD
- NVMe 1.2.1 Protocol Supported
- High Capacity Design, up to 16 TB
- Standard Form Factor SSD
- 2.5" U.2 Form Factor Extended
- Plug-n-Play Compatibility
- UEFI Boot Support
- Enterprise Grade Reliability
- Power Loss Data Protection
- Dual Port (x2 x2 Active/Active)
- Single-Port (x4)
- Hot Plug
- Active Thermal Throttling
- Active Power Management
- Advanced ECC and Data Protection
- Advanced Error Recovery
- Active Telemetry Monitoring
- Low Overhead Architecture
- No Host CPU or DRAM Off Load
- RAID on Card Supported Data Protection
About Liqid

A leader in composable infrastructure, Liqid enables users to configure and manage physical, bare-metal server systems in seconds. Storage, compute, networking and graphics processing devices are interconnected over PCI-Express fabric to deliver dynamically configurable bare-metal servers perfectly sized with the exact physical resources required by the application being deployed.

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329 Interlocken Pkwy., Ste 200, Broomfield, CO 80021  office: +1 303.500.1551   email:sales@liqid.com

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