



Superior Performance

The Liqid Element Gen4 PCIe Add-In-Card (AIC) features high storage capacity and extreme performance for mission-critical and performance-demanding workloads. It is an ultra-thin, standard form factor full-height half-length (FHHL) card that works seamlessly with systems that have existing PCIe slots. This makes the Element AIC ideal for deployment in data center and enterprise applications.

The Element AIC offers the next generation Gen 4.0 x16 PCIe interface, which enables the highest throughput and low latency transactions and utilizes the latest NVMe protocol in order to deliver increased performance and efficiency. The AIC outperforms legacy architectures by delivering up to 3.5 M IOPS of random performance, over 25 GB/s of throughput, and ultra-low transactional latency of 20 us.

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

- > High performance NVMe SSD with PCIe 4.0 x16 interface
- > Up to ~25GB/s and up to ~3.5M IOPS (4KB)
- > Up to 8x M.2 modules per card – up to 32TB max capacity
- > Full enterprise class features including Power Loss Protection
- > Optional Dual Port capability for multi-host access

Key Features

- High Performance PCIe SSD
- Ultra Fast PCIe 4.0 x16 Interface
- Native NVMe Protocol Support
- High Capacity Design, up to 32 TB
- FHHL AIC Card Form Factor
- Plug-n-Play Compatibility
- UEFI Boot Support
- Enterprise Grade Reliability
- Power Loss Data Protection
- Active Thermal Throttling
- Active Power Management
- Advanced Data Protection
- Active Telemetry Monitoring
- RAID on Card Supported Data Protection

Sample Part Number:

LQD-E2BPNA04M003T20D

Liqid Element 3.20TB, TN, NVMe PCIe Gen 4.0 x16 FHHL AIC SSD

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.

Contact Information

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