



LQD1325 U.2 to PCIe Host Bus Adapter
PCIe x4 Gen 3 Specifications



High Performance PCIe connectivity For Dell PowerEdge MX7000

For workloads like AI that require parallel accelerated computing, the addition of GPU acceleration within the PowerEdge MX7000 is paramount. Liquid LQD1325 U.2 to PCIe host bus adapters (HBA) enable PCIe connectivity to Dell compute sleds enabling accelerator composability to Dell PowerEdge MX7000. The PCIe x4 Gen 3 cable adapter is integrated with a fully non-blocking and low-latency PCI Express Gen 3 switch.

Simply insert HBA into an available U.2 drive bay and go. No drive tray/caddy needed. Once Dell MX compute sleds are connected to Liquid GRID PCIe switching technology and Command Center software new levels of infrastructure flexibility are possible. Enable hardware disaggregation, integrating off-the-shelf CPU, NVMe storage, and networking in tandem with accelerator technologies such as GPU, FPGA and Intel Optane memory for unprecedented, software-defined, bare metal performance.

Liquid PCIe composability for the Dell EMC PowerEdge MX7000 unlocks the ability to manage the most demanding workloads in which accelerators are required for both new and existing deployments, and the LQD1325 is key to unlocking these capabilities.

- > Up to 64Gb/s at PCIe Gen 3 speeds
- > Requires no additional software

Key Features

- Accelerator Composability for MX7000
- U.2 HBA form factor
- Plug and play simplicity



LIQID

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Specification

Model: LQD1325 Host Bus Adapter

Selection

Form Factor	PCIe x4 U.2 Adapter
Dimensions	4.42"x.63"x2.93"
Power	10 Watts Max
Connectors	SFF-8808
Storage Temperature	-40 to 75C
Operating Humidity	5% to 95% (non-condensing)
Storage Humidity	5% to 95% relative humidity non-condensing

L1325-004L01-030

PCIe x4 Gen 3.0 Host Adapter Card (HBA)

Please contact your sales rep for more information and to determine which configuration is best for use. Specification subject to change without notice.

Contact Information

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About Liquid

A leader in composable infrastructure, Liquid 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.