The Liqid LQD1316 Host Bus Adapter (HBA) PCIe x16 Gen 3 switch-based cable adapter integrates Broadcom Technologies PEX9733 Capella 2, a fully non-blocking and low-latency PCI Express Gen 3 switch. Liqid's LQD1316 HBA is purpose built for composability, ensuring software-defined composable systems from Liqid perform at the highest levels of efficiency.

Adjusting to real-time business requirements is paramount in the modern data center. Liqid empowers IT administrators to manage, scale, and conjure physical bare-metal server systems in seconds and then reallocate core data center devices on-demand as business needs evolve.

Connect Liqid GRID composable switching technologies and Command Center software to the server motherboard via Gen 3 PCI-Express for unprecedented infrastructure adaptivity. Enable greater 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.

With Liqid, these pooled resources can now be dynamically configured and reconfigured on demand to create servers perfectly sized with the exact physical resources required by the application being deployed.

As a core element of the Liqid composable platform, the Liqid LQD1316 HBA is central to enabling IT administrators to deliver adaptive compute infrastructure and scale core resources on demand for the world's most data-intensive workloads.

> Up to 128Gb/s at PCIe Gen 3 speeds
> Requires no additional software

### Key Features

- Half-card form factor
- PCIe Gen3 x16 upstream port
- PCIe Gen3 x16 downstream port
- PCIe Gen3 x8 for two down stream ports
- PCIe Gen3 x4 for four down stream ports
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.