



Liquid EX-4410 PCIe Expansion Chassis

Elevating Composability with Integrated PCIe Switching


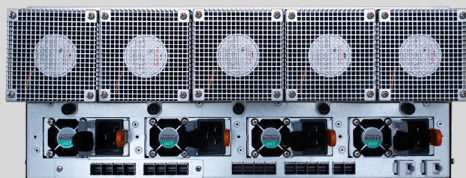
Liquid expansion chassis are designed to pool PCIe devices that can be composed to servers by Liquid Matrix software to meet workload demands. The Liquid EX-4410, world's first fabric-integrated expansion chassis for Composable Disaggregated Infrastructure (CDI), elevates CDI economics and simplicity. Seamlessly connect host servers directly to the EX-4410 chassis, enabling instant composition of GPUs and storage via Liquid Matrix™ software – all without requiring separate PCIe switches.

The EX-4410 is a ten-slot chassis is equipped with sixteen PCIe Gen 4.0 interface ports, each supporting 16GB/s

throughput, delivering a total 256GB/s PCIe bandwidth. Directly link up to 16 hosts to one chassis, efficiently composing resources to scale workloads in real-time. Achieve rapid performance scaling, up to 32GB/s per host, by connecting up to four PCIe ports to a single server.

The EX-4410 offers diverse expansion chassis options for accelerator and storage disaggregation and pooling. Multiple EX-4410 chassis can be interconnected for expanded device quantity and variety within a unified fabric. Experience high density pooling and management simplicity with the EX-4410.



Model	Liquid EX-4410 Expansion Chassis
PCIe Gen 4.0 Device Density	 10x Gen 4.0 x16 FHFL Double Wide
Integrated PCIe Fabric	 16x ports (4x PCIe Gen 4.0 x16)

Technical Specifications

Model	Liquid EX-4410 PCIe Expansion Chassis
Description	10x Slot, 4U, Expansion Chassis
Device Types Supported	GPU NVMe AIC FPGA DPU
Max Supported PCIe Devices	10x Gen 4.0 x16 FHFL Double Wide
Integrated PCIe Interface Ports	4x PCIe Gen 4.0 x16 banks
External Bandwidth - Single Port	Up to 64 GB/s
External Bandwidth - Total Ports	Up to 256 GB/s
PCIe Fabric Latency	105 ns
PCIe Switch Chip	3x Broadcom Atlas
Liquid Management Port	1x Gen4 x1 Port
Chassis Cables	MiniSAS HD
Power - Chassis	4x 2400W 2+2 Hot-swappable redundant 80 Plus Platinum
Power - PCIe Device	Up to 425W Each
Input Voltage	100-240 VAC
Operating Temperature	0°C to 35°C
Operating Humidity	10% to 90%
Cooling	5x 80mm Hot-swappable fans
Dimensions	7" x 17.25" x 23.7" (177.8 mm x 438.15 mm x 601.98 mm)
Weight	45.7lb (20.75 kg)
Cerifications	cETLus, VCCI, KCC, UK/CA, CE, FCC, RCM, RoHS, REACH

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