



Fabric-Integrated Expansion Chassis

Simplified Resource Composability


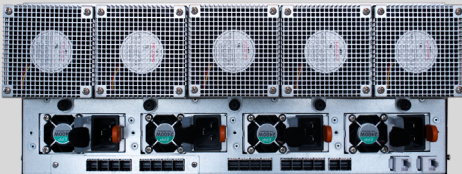
The Liqid EX-4410, the world's first fabric-integrated expansion chassis for Composable Disaggregated Infrastructure (CDI), takes CDI economics and simplicity advantages to the next level. Simply connect host servers directly to the EX-4410 chassis, then compose accelerator and storage resources in seconds using Liqid Matrix® software, all without needing to purchase and manage separate PCIe switches.

EX-4410 chassis are equipped with sixteen PCIe Gen 4.0 interface ports, each supporting up to 16GB/s of bidirectional throughput (8GB/s in each direction,

simultaneously) for 256GB/s of total PCIe bandwidth per chassis. Directly connect up to 16 hosts to a single chassis and compose resources to new and existing workloads. Scale performance quickly, up to 32GB/s per host, by connecting up to four PCIe ports to a single host server.

The EX-4410 includes expansion chassis options for accelerator, storage and/or NIC disaggregation. For greater device quantity and variety, multiple EX-4410 chassis' can be connected together into a single fabric.



Model	Liqid EX-4410 Expansion Chassis
PCIe Gen 4.0 Device Density	 <p data-bbox="824 1625 1200 1652">10x Gen 4.0 x16 FHFL Double Wide</p>
Integrated PCIe Fabric	 <p data-bbox="850 1913 1195 1940">16x ports (4x PCIe Gen 4.0 x16)</p>

Technical Specifications

Model	Liquid EX-4410 Expansion Chassis
Description	10x Slot 4U Expansion Chassis (PCIe Gen 4)
Device Types Supported	GPU AIC SSD FHFL FPGA DPU
Max Supported PCIe Devices	10x Gen 4.0 x16 FHFL Double Wide
Integrated PCIe Interface Ports	4x PCIe Gen 4.0 x16 (16x total ports)
External Bandwidth - Single Port	Up to 64 GB/s – (Bidirectional Throughput)
External Bandwidth - Total Ports	Up to 256 GB/s – (Bidirectional Throughput)
PCIe Fabric Latency	105 ns
PCIe Switch Chip	3x Broadcom Atlas
Liquid Management Port	2x Gen4 x1 Ports, 2x 1GbE RJ45 Ports
Eco Feature	Independent Device Power-down
Chassis Cables	PCIe: MiniSAS HD
Power - Chassis	4 x 2400W 2+2 hot swap redundant 80 Plus Platinum
Power - PCIe Device	Up to 425W Each with independent power protection
Input Voltage	200-240 VAC or 100-277 VAC
Operating Temperature	0°C to 35°C or 32°F to 95°F
Operating Humidity	20% to 80%
Cooling	5x 80mm Hot-swap cooling fans
Dimensions	7" x 17.25" x 23.7" (177.8 mm x 438.15 mm x 601.98 mm)
Weight	40 lbs (18.14 kg)
Cerifications	FCC, CE, UL, cUL, RoHS3

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