LIQID EX-5410P PCIe Expansion Chassis
Disaggregated Resource Pooling for Composability

The LIQID EX-5410P, a 10-slot expansion chassis designed for the pooling of disaggregated PCIe resources such as high power GPUs and storage devices for composition to host servers via LIQID Matrix® software.

With support for up to ten double wide PCIe Gen 5.0 devices, and 512GB/s of external bandwidth, the EX-5410P enables organizations to satisfy today's most challenging AI and HPC workloads.

Simply connect the EX-5410P to a LIQID PCIe fabric and begin rapidly composing PCIe resources in any ratio, including ten GPUs to one host server, in real-time to align with dynamic workload requirements.

To scale, simply add additional EX-5410P chassis into a single fabric and compose more resources. Uncover the benefits of high-density pooling for enhanced composability with the EX-5410P.

Model	LIQID EX-5410P Expansion Chassis
PCIe Gen 5.0 Device Density	10x Gen 5.0 x16 FHFL Double Wide
Integrated PCIe Fabric	4x (PCIe Gen5 x16)

Technical Specifications

Model	LIQID EX-5410P PCIe Expansion Chassis
Description	10x Slot, 4U, Expansion Chassis
Device Types Supported	GPU | NVMe AIC | FPGA | DPU (Supports 600W Devices)
Max Supported PCIe Devices	10x Gen 5.0 x16 FHFL Double Wide
Integrated PCIe Interface Ports	4x PCIe Gen 5.0 x16
External Bandwidth - Single Port	Up to 128 GB/s
External Bandwidth - Total Ports	Up to 512 GB/s
PCIe Fabric Latency	115 ns
PCIe Switch Chip	2x Broadcom Atlas-2
LIQID Management Port	2x Gen5 x1 and 2x 10GbE Ports
Out-of-band Monitoring	BMC module
Chassis Cables	CDFP
Power - Chassis	4x 3000W (Titanium)
Input Voltage	100-277 VAC
PSU and PDU Connectors	Saf-D-Grid 400V
Cooling	4x 120mm Hot-swappable fans
Operating Conditions	Temperature 0 C to 27 C, Humidity 10% to 90% (non-condensing)
Storage Conditions	Temperature -40 C to 85 C, Humidity 5% to 95% (non-condensing)
Dimensions	175mm x 447mm x 790mm (6.89in x 17.6in x 31.1in)
Weight	34.34kg (75.71lbs)
Cerifications	FCC Class A, CE Safety & Emissions, UL, cUL, RoHS3