

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	 <p>10x Gen 5.0 x16 FHFL Double Wide</p>
Integrated PCIe Fabric	 <p>4x (PCIe Gen5 x16)</p>

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
Cooling	4x 120mm Hot-swappable fans
Operating Conditions	Temperature 0 C to 35 C, Humidity 10% to 90% (non-condensing)
Storage Conditions	Temperature -40 C to 85 C, Humidity 5% to 95% (non-condensing)
Dimensions	7" x 18.5" x 17.25" (177.8 mm x 469.9 mm x 438.15 mm)
Weight	38.5 lb (17.46 kg)
Cerifications	FCC Class A, CE Safety & Emissions, UL, cUL, RoHS3

Contact Information

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