LIQID EX-5410C CXL Expansion Chassis
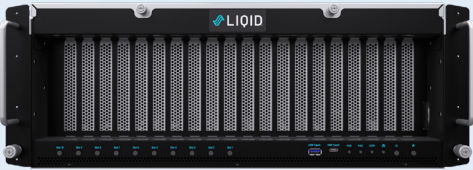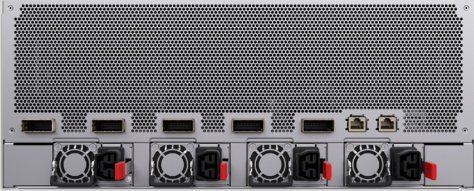## Disaggregated Resource Pooling for Composability

The LIQID EX-5410C is a ten-slot expansion chassis engineered for pooling disaggregated CXL resources — such as DRAM memory — for dynamic composition to host servers via LIQID Matrix® software.

With support for up to 10 double wide CXL 2.0 Gen 5.0 devices providing up to 20TB of memory and 640GB/s of external bandwidth, the EX-5410C enables organizations to satisfy today's most challenging AI and HPC workloads.

Simply connect the EX-5410C to a LIQID CXL 2.0 fabric

and leverage LIQID Matrix orchestration software to dynamically pool and share CXL resources across multiple servers in real time, enabling flexible resource allocation to match shifting workload demands.

To scale, simply add additional EX-5410C chassis into a single fabric and compose up to 100TB of memory per server. Uncover the benefits of high-density pooling for enhanced composability with the EX-5410C.

Model	LIQID EX-5410C Expansion Chassis
CXL 2.0 Device Density	10x CXL 2.0 Gen 5.0 x16 FHFL Double Wide
Integrated CXL Fabric	5x CXL 2.0 CDFP Gen5 x16

Technical Specifications

Model	LIQID EX-5410C CXL Expansion Chassis
Description	10x Slot, 4U, CXL Expansion Chassis
Chassis Capacity	1TB – 20TB Per Chassis (100TB Total with 5x Chassis)
Device Types Supported	CXL Memory Module – AIC Form Factor – 8x DIMM DDR5/DDR4
Max Supported CXL Devices	10x CXL 2.0 Gen 5.0 x16 FHFL Double Wide Module – 2TB Max Per Module
External Bandwidth - Single Port	Up to 128 GB/s (1x CDFP Gen5 x16)
External Bandwidth - Total Ports	Up to 640 GB/s (5x CDFP Gen5 x16)
CXL Fabric Latency	120 ns
CXL Switch Chip	Xconn XC50256 256 lane 16 port CXL 2.0 Gen5
LIQID Management Port	1x GE
Out-of-band Monitoring	OpenBMC 1x GE
Chassis Cables	CDFP / AOC (Active Optical Cables)
Power - Chassis	4x 1500W / 3000W N + 1 Titanium
Input Voltage	100-120V 200-277V VAC
Cooling	4x 80mm x 80mm Hot Swapable
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	6.89in (4U) x 17.59in x 31.10in
Weight	38.5 lb (17.46 kg)
Cerifications	FCC Class A, CE Safety & Emissions, UL, cUL, RoHS3

Contact Information

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