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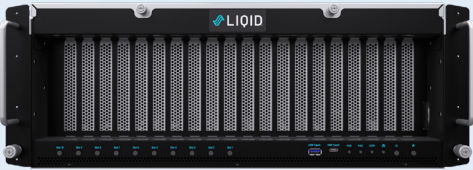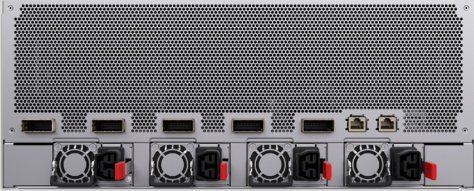## Disaggregated Resource Pooling for Composability

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 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 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 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	TBD lb (TBD kg)
Cerifications	FCC Class A, CE Safety & Emissions, UL, cUL, RoHS3

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