



# LIQID CXL Fabric

## The low latency, intelligent, and managed CXL 2.0 switching fabric

For organizations seeking to accelerate results while optimizing resource utilization, LIQID Matrix® composable infrastructure software enables on-demand memory provisioning to meet the most demanding workloads.

composability is enabled over a CXL fabric orchestrated by LIQID Matrix software. Featuring 15-port switches at its core, the fabric connects disaggregated CXL memory, host servers, and software—unlocking server configurations previously thought impossible.

Composability takes place over a CXL fabric, with LIQID CXL,

Model	FX-5015C
Description	15x Gen 5.0 x16 CDFP Copper / AOC (Optical)
Device Front	
Device Back	
Feature Highlights	<ul style="list-style-type: none"> <li>» Interface: CXL 2.0</li> <li>» Port Bandwidth: 128 GB/s – Full Duplex</li> <li>» Total Bandwidth: 1920 GB/s – Full Duplex</li> <li>» Port Latency: 120 ns</li> <li>» Form Factor: 1RU</li> <li>» Cooling: 5x 35mm - Serviceable Fan</li> </ul>

## Technical Specifications



<b>Model</b>	<b>FX-5015C</b>
<b>PCIe Generation</b>	CXL 2.0 Gen 5.0
<b>Physical Interconnect</b>	CDFP
<b>Number of Ports</b>	15 Gen 5.0 x16 Ports
<b>Port Bandwidth</b>	128 GB/s – Full Duplex
<b>Total Bandwidth</b>	1920 GB/s – Full Duplex
<b>Port Latency</b>	120 ns
<b>Port Configurations</b>	Gen5 x16 (SRIS Ready)
<b>Management port</b>	1x GE
<b>Out-of-band Monitoring</b>	OpenBMC 1x GE
<b>Scalable</b>	CXL TORS + 5x CXL Chassis Expansion Chassis
<b>Typical Power</b>	300W
<b>Input Voltage</b>	100-277 VAC
<b>PSU</b>	2 x 800W (N+N) – Serviceable PSU
<b>Operating Conditions</b>	Temperature 0 C to 35 C, Humidity 10% to 90% (non-condensing)
<b>Storage Conditions</b>	Temperature -40 C to 85 C, Humidity 5% to 95% (non-condensing)
<b>Dimensions</b>	41.70mm x 438.15mm x 628.50mm (1.6in x 17.25in x 24.74in)
<b>Weight</b>	11.60kg (25.57lbs)

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