





# Liquid PCIe Fabric

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

For organizations seeking to accelerate results while optimizing resource utilization, Liquid Matrix™ composable infrastructure software enables on-demand GPU and storage provisioning to meet the most demanding workloads. Composability takes place over a PCIe fabric,

with Liquid PCIe switches at its core. Offered in 24 or 48 ports, Liquid’s managed switching fabric connects pools of disaggregated PCIe resources, host servers and software together to create previously impossible server configurations.

Model	FX-9424	FX-9448
Description	1U, PCIe Gen 4.0 Switch, 24 Ports	1U, PCIe Gen 4.0 Switch, 48 Ports
Enclosure Front		
Enclosure Rear		
Feature Highlights	<ul style="list-style-type: none"> <li>» Interface: PCIe Gen4</li> <li>» Port Bandwidth: 16 GB/s – Full Duplex</li> <li>» Total Bandwidth: 384 GB/s – Full Duplex</li> <li>» Port Latency: 100 ns</li> <li>» Form Factor: 1RU</li> </ul>	<ul style="list-style-type: none"> <li>» Interface: PCIe Gen4</li> <li>» Port Bandwidth: 16 GB/s – Full Duplex</li> <li>» Total Bandwidth: 768 GB/s – Full Duplex</li> <li>» Port Latency: 100 ns</li> <li>» Form Factor: 1RU</li> </ul>

## Technical Specifications



Model	FX-9424	FX-9448
PCIe Generation	PCIe Gen 4.0	PCIe Gen 4.0
Physical Interconnect	MiniSAS HD	MiniSAS HD
Number of Ports	24 Gen4.0 x4 Ports	48 Gen4.0 x4 Ports
Port Bandwidth	16 GB/s – Full Duplex	16 GB/s – Full Duplex
Total Bandwidth	384 GB/s – Full Duplex	768 GB/s – Full Duplex
Port Latency	100 ns	100 ns
Port Configurations	x4, x8, or x16 (SRIS Ready)	x4, x8, or x16 (SRIS Ready)
Management port	Secured, 1 GbE	Secured, 1 GbE
Scalable	Multi-switch Topologies - Star, Mesh, other	Multi-switch Topologies - Star, Mesh, other
Typical Power	225 W	225 W
Input Voltage	100-240 VAC	100-240 VAC
PSU	2x 550W Redundant	2x 550W Redundant
Dimensions	2" x 17.2" x 15.5" (50.8mm x 436.6mm x 393.7mm)	1.7" x 17.5" x 16" (43mm x 444.5mm x 406.4mm)
Weight	14 lb / 6.35 Kg	14 lb / 6.35 Kg

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