


# LIQID PCIe Fabric

## The low latency, intelligent, and managed PCIe Gen 5 switching fabric

For organizations seeking to accelerate results while optimizing resource utilization, LIQID 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 LIQID PCIe switches at its core. Offered in 8 or 16 ports, LIQID's managed switching fabric connects pools of disaggregated PCIe resources, host servers and software together to create previously impossible server configurations.

<b>Model</b>	<b>FX-5016P</b>
<b>Description</b>	1U, PCIe Gen 5.0 Switch, 16 Ports
<b>Enclosure Front</b>	
<b>Feature Highlights</b>	<ul style="list-style-type: none"> <li>» Interface: PCIe Gen5</li> <li>» Port Bandwidth: 128 GB/s – Full Duplex</li> <li>» Total Bandwidth: 2048 GB/s – Full Duplex</li> <li>» Port Latency: 115 ns</li> <li>» Form Factor: 1RU</li> </ul>

## Technical Specifications



<b>Model</b>	<b>FX-5016P</b>
<b>PCIe Generation</b>	PCIe Gen 5.0
<b>Physical Interconnect</b>	CDFP
<b>Number of Ports</b>	16 Gen 5.0 x16 Ports
<b>Port Bandwidth</b>	128 GB/s – Full Duplex
<b>Total Bandwidth</b>	2048 GB/s – Full Duplex
<b>Port Latency</b>	115 ns
<b>Port Configurations</b>	x16 (SRIS Ready)
<b>Management port</b>	PCIe 2x Gen4 x1
<b>Out-of-band Monitoring</b>	BMC module capable
<b>Scalable</b>	Multi-switch Topologies - Star, Mesh, other
<b>Typical Power</b>	225 W
<b>Input Voltage</b>	100-240 VAC
<b>PSU</b>	2x 550W Redundant (80 Plus Platinum)
<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>	1.7" x 17.5" x 16" (43mm x 444.5mm x 406.4mm)
<b>Weight</b>	19.2 lb / 8.71 Kg

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