

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.

Model	FX-5016-2
Description	1U, PCIe Gen 5.0 Switch, 16 Ports
Enclosure Front	
Feature Highlights	» Interface: PCIe Gen5 » Port Bandwidth: 128 GB/s – Full Duplex » Total Bandwidth: 2048 GB/s – Full Duplex » Port Latency: 115 ns » Form Factor: 1RU

Technical Specifications



Model	FX-5016-2
PCIe Generation	PCIe Gen 5.0
Physical Interconnect	CDFP - Copper or AOC (Port and/or connection dependent)
Number of Ports	16 Gen 5.0 x16 Ports
Port Bandwidth	128 GB/s – Full Duplex
Total Bandwidth	2048 GB/s – Full Duplex
Port Latency	115 ns
Port Configurations	x16 (SRIS and Common Clock Ready)
Management port	PCIe 2x Gen4 x1 (SW upgradeable for Ethernet Distributed Management)
Out-of-band Monitoring	ComE module supporting BMC commands
Scalable	Multi-switch Topologies - Star, Mesh, other
Typical Power	225 W - Up to 400+ Watts with AOC
Input Voltage	100-240 VAC
PSU	2x 550W Redundant (80 Plus Platinum)
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	1.7" x 17.5" x 16" (43mm x 444.5mm x 406.4mm)
Weight	19.2 lb / 8.71 Kg
Compliance	UL - FCC - CSA - AS/NZS - VCCI - KCC - BSMI - CE - UK/CA - REACH - RoHS - WEEE

Contact Information

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