

**PLX Technology, Inc.**

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**PCIe Switches**

Offering the industry's largest selection of PCI Express (PCIe) Switches, our ExpressLane™ PCI Express Switches include 8-, 16-, 24-, and 32-lane devices.

The PEX 8508 is an 8-lane, 5-port switch, offering PCIe port fan-out for NIC, HBA, AdvancedMC, notebook docking stations, intelligent I/O modules, and other aggregation applications.

The PEX 8516, 8517, and 8518 Switches provide 16 lanes and are available in 4-port and in 4 and 5-port configurations, respectively, providing port fan-out and peer-to-peer communication for factory automation, network interface adapters, AdvancedMC cards, image capture, graphics fan-out, and host isolation.

The PEX 8524 is a 24-lane, 6-port device suitable for server fan-out, instrumentation, AdvancedMC carrier cards, and backplanes.

The PEX 8532 is a 32-lane, 8-port switch suitable for fan-out, fabric backplane, and host isolation applications.

All of the PCI Express Switches are available now.

The PLX ExpressLane PCI Express family of bridges and switches is being designed into the first wave of PCI Express-based systems.

To view our complete line of PCI Express (PCIe) ExpressLane switches, go to:  
[www.plxtech.com/products/expresslane/switches.asp](http://www.plxtech.com/products/expresslane/switches.asp)

Contact PLX today at [www.plxtech.com](http://www.plxtech.com) or 1-800-759-3735.



**FEATURES:**

- Offers highly flexible port configurations allowing optimum use of available lanes and ports
- Four to eight ports with flexible configurations including x1, x2, x4, x8, and x16
- Provides end-to-end packet integrity, lane reversal, polarity reversal, programmable outputs, and hot plug
- PEX 8508, 8517, and 8518 offer low packet cut-through latency of 150 ns and fully nonblocking architecture
- Offers nontransparent bridge port for dual host and two virtual channels for Quality of Service applications
- All ExpressLane devices are compliant with the PCI-SIG PCI Express specifications
- Production proven with thousands of units shipped
- Fully nonblocking switches
- Pin compatible paths to next-generation products (higher performance and lower cost)