The LightPulse™ LP850 fibre channel PCI host bus adapters deliver exceptional performance through the use of Emulex’s Dragonfly ASIC, a 266 MIPS onboard processor and high speed buffer memory. The LP850 features a 64-bit PCI interface and provides the richest feature set available.

The LP850 provides high-performance fibre channel connectivity for entry-level Windows 2000/NT and Novell NetWare systems. Based on the Emulex LP8000 architecture, the LP850 provides a unique combination of features, including switched fabric support using F_Port and FL_Port connections, full-duplex data transfers, high data integrity features, support for all fibre channel topologies and support for service classes 2 and 3.

The LP850 also features sophisticated hardware that provides superior performance in storage area networks, delivering low latency and high throughput in switched, arbitrated loop and clustered environments. The LP850 is available with copper and short-wave optical GBICs as well as embedded copper and optic interfaces.

**MAJOR FEATURES**

- simultaneous full duplex fibre channel 1.0625 Gb/s transfers
- supports all fibre channel topologies
- full fabric support using F_Port and FL_Port connections
- full support for both FC service Class 2 and 3
- 64 bit PCI data and addressing
- end-to-end parity protection
- robust suite of software including IP and storage protocols under Windows 2000, Windows NT and NetWare
- GBIC or embedded physical interfaces
The LightPulse™ LP850 is complemented by a rich suite of software support including storage protocol (SCSI), network protocol (IP) as well as multi-protocol (SCSI & IP) operation, enabling advanced storage area network (SAN) implementations in Windows 2000, Windows NT and NetWare environments. All drivers are also fully compatible with the Emulex LP9002, LP9000, LP8000, LP7000E and LP950 (2000/NT and NetWare only) host bus adapters.

**ORDERING INFORMATION |**

LP850-D1  embedded copper DB9 interface
LP850-F1  embedded multi-mode optic interface
LP850-T1  copper DB9 GBIC interface
LP850-N1  multi-mode optic GBIC interface

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see www.emulex.com for fibre channel white papers, articles and additional product information.