The LightPulse™ LP7000E fibre channel PCI host bus adapters deliver exceptional performance through the use of Emulex’s Superfly ASIC, a 266 MIPS onboard processor and high speed buffer memory. The LP7000E features a 32-bit PCI interface and provides the richest set of features available.

The 1Gb/s LP7000E is designed to support mission-critical enterprise applications. The LP7000E 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 LP7000E 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. Support for fiber optic cabling is provided through standard GBIC or embedded physical 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
- 32 bit PCI data and addressing
- support for multiple protocols
- end-to-end parity protection
- robust suite of software including IP and storage protocols under Windows 2000, Windows NT, NetWare, Solaris and AIX
- GBIC or embedded physical interfaces
The LightPulse™ LP7000E 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, NetWare, Solaris and AIX environments. All drivers are also fully compatible with the LP9002, LP9000, LP8000, LP8000S, LP950 and LP850 (2000/NT and NetWare only) host bus adapters.