

# IBM 42D0485 Datasheet



IBM 42D0485 42D0491, 42D0486 Emulex 8Gb FC Single-port HBA for System x  
42D0485

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## Features

- Based on the Emulex LPe12000 (single port) and LPe12002 (dual port) adapters
- Standard PCI Express card with low profile form factor
- One or two independent Fibre Channel ports with optical modules included
- PCI Express 2.0 host interface
- Support for both standard and low-profile PCI Express slots
- Auto-negotiation between 2 Gb, 4 Gb, or 8 Gb link attachments
- Processes over 200K I/O operations per second (IOPS), per port
- Support for up to 1600 MB per second maximum at full-duplex, per port

## Fibre Channel specifications

- Full support for all Fibre Channel topologies, including point-to-point (N\_Port), arbitrated loop (NL\_Port), and switched fabric (N\_Port)
- Support for F\_Port and FL\_Port login
- Full support for Fibre Channel services class 2 and 3
- Up to 4096 FC port logins and up to 4096 concurrent exchanges per FC port

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