


FE-6510: ExpressCard to 100M FE Fiber NIC

Key Features

- High bandwidth 100Mbps Network Speed
- Supports Full-Duplex Mode
- Supports IEEE 802.3x Full-Duplex Flow Control
- Supports Mini ExpressCard x 1
- Compliant with ExpressCard Rev.1.1 Interface
- Supports Jumbo Frame
- Supports High Level VLAN Filtering Function
- Supports IP headers and TCP / UDP checksums offload
- Supports on-board screening of VLAN tagged Ethernet frames
- Supports ASF 2.0 (Optional for limited BIOS versions and PC models)
- RoHS Compliance

Overview

FE-6510 is a Fiber Fast Ethernet to ExpressCard bus adapter that fully complies with all IEEE 802.3u and 100Base-FX standards. It provides up to 200Mbps full-duplex bandwidth capacity to support high-end servers. In addition, with advanced functions like VLAN filtering packet processing, the adapter provides enhanced performance, flexible configuration and secure networking for users in a standard-based environment. One LED indicators (LINK/ACT) on the bracket will help to oversee the board link, activities and full-duplex status.

Technical Specifications

- **Standards:** IEEE 802.3u 100Base-FX
IEEE 802.3x Full-Duplex Flow Control
IEEE 802.1Q VLANs
- **Connector:** SC, ST, LC, MTRJ
- **Fiber Optic Cable:** 62.5/125, 50/125µm multi-mode
9/125µm single-mode
- **Data Transfer Mode/Speed:**
Full duplex with flow control
100Mbps speed
- **Diagnostics LED on Bracket:** LINK/ACT
- **Bus Slot:** ExpressCard 1.1 Compliant
- **Power Requirement:** Max. 2.5W
- **Ambient Temperature:** 0 to 50°C
- **Humidity:** 5% to 90%
- **Dimensions:** 19(H) x 34(W) x 128(D) mm
- **Weight:** 0.04Kg
- **Emission:** Complies with EMI Standard
FCC Class B
CE Mark
- **Software Support:**
Windows 98/ME
Windows 2000
Windows 2003
Windows XP
Windows NT4.0
Vista
Windows 7
Novell Netware 4.x, 5.x, 6.x
Linux driver
PXE & RPLBoot ROM

Ordering Information

FE-6510ST	Express 100Base-FX FiberCard ST Multi-Mode
FE-6510SC	Express 100Base-FX FiberCard SC Multi-Mode
FE-6510LC	Express 100Base-FX FiberCard LC Multi-Mode
FE-6510SC.S05	Express 100Base-FX FiberCard SC Single-Mode 5km
FE-6510SC.S20	Express 100Base-FX FiberCard SC Single-Mode 20km
FE-6510SC.S40	Express 100Base-FX FiberCard SC Single-Mode 40km
FE-6510SC.S60	Express 100Base-FX FiberCard SC Single-Mode 60km

FE-6510BS3.S20	Express 100Base-FX FiberCard Bidi SC Single-Mode 20km, 1310nm
FE-6510BS5.S20	Express 100Base-FX FiberCard Bidi SC Single-Mode 20km, 1550nm

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