RUBYTECH
Networking & Communications

FE-2200

Fiber NIC

FE-2200:
PCI Express Bus 100Base-FX Fiber NIC

Key Features
- High bandwidth 100Mbps Network Speed
- Supports Full-Duplex Mode
- Supports IEEE 802.3x Full-Duplex Flow Control
- Supports PCI e x1 bus
- Compliant with PCIe 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 Wake on LAN
- Supports ASF 2.0
- RoHS Compliance

Overview
FE-2200 is a Fiber Fast Ethernet to PCIe 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. Two LED indicators (LINK/ACT and FDX) on the bracket will help to oversee the board link, activities and full-duplex status.

Technical Specifications
- **Standards:**
  - ---IEEE 802.3u Fast Ethernet 100Base-FX
  - ---IEEE 802.3x Full-Duplex Flow Control
  - ---IEEE 802.1Q VLANs
- **Connector:**
  - ---1310nm SC multi-mode (Default)
  - ---1310nm LC multi-mode
  - ---1310nm SC, LC single-mode
  - ---1550nm SC, LC single-mode
  - ---Option is available upon request
- **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
  - ---FDX
- **Bus Slot:** PCIe 1.1 Compliant
- **Power Requirement:** Max. 2.4W, + 3.3VDC@ 0.7A
- **Ambient Temperature:** 0 to 50°C
- **Humidity:** 5% to 90%
- **PCB Dimensions:** 108(L) x 68.5(H) mm
- **Weight:** 0.05Kg
- **Emission:** Comply with FCC Part 15 Class B & CE Mark Approval
- **Software Support:**
  - ---Windows 2003 Server
  - ---Windows 2008 Server
  - ---Windows XP
  - ---Vista
  - ---Windows 7
  - ---Novell Netware 5.x, 6.x
  - ---Linux
  - ---PXE Boot ROM

Packing Information

Carton Dimensions (mm)	pcs/Carton	N.W (KG)	G.W (KG)
579x485x282	120	12	13

Ordering Information

FE-2200SC	PCI Express Bus 100Base-FX Fiber NIC, SC Multi-Mode
FE-2200LC	PCI Express Bus 100Base-FX Fiber NIC, LC Multi-Mode
FE-2200SC.S20	PCI Express Bus 100Base-FX Fiber NIC, SC Single-Mode 20Km
FE-2200SC.S40	PCI Express Bus 100Base-FX Fiber NIC, SC Single-Mode 40Km
FE-2200SC.S60	PCI Express Bus 100Base-FX Fiber NIC, SC Single-Mode 60Km

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