

## **RP-3300EX**

### **Gigabit Fiber PCI Express Adapter**

RP-3300EX is an exceptional Fiber Gigabit Ethernet to PCIe bus adapter that adheres to the highest industry standards, including IEEE 802.3z and 1000Base-X. Designed to deliver exceptional performance, it offers a maximum full-duplex bandwidth capacity of up to 2000Mbps, making it an ideal choice for high-end servers that require robust and reliable connectivity.

Equipped with advanced features such as VLAN filtering packet processing, the RP-3300EX goes beyond basic networking capabilities. It provides enhanced performance, flexible configuration options, and ensures secure networking for users operating within a standard-based environment. This enables efficient data management, improved network segmentation, and enhanced security protocols, empowering users to optimize their network infrastructure according to their specific requirements.

RP-3300EX Fiber Gigabit Ethernet adapter sets a new standard with its industry compliance, advanced functionality, and convenient monitoring. Equipped with LED indicators, it allows easy assessment of link status and activity levels for seamless network operation in various environments.



## **Features**

- High bandwidth 1000Mbps Network Speed
- Supports IEEE 802.3z 1000Base-X Fiber Interface
- Supports Full-Duplex Mode
- Supports IEEE 802.3x Full-Duplex Flow Control
- Supports PCIe x1 bus
- Compliant with PCIe Rev.1.1 Interface
- Supports Jumbo Frame
- Supports High Level VLAN Filtering Function
- Supports IPv6
- Supports IP headers and TCP / UDP checksums offload
- Supports on-board screening of VLAN tagged Ethernet frames
- Support Wake On LAN

## Specifications

|                                 |  |
|---------------------------------|--|
| <b>Standards</b>                | <ul style="list-style-type: none"> <li>• IEEE 802.3z Gigabit Ethernet 1000Base-X</li> <li>• IEEE 802.3x Full-Duplex Flow Control</li> <li>• IEEE 802.1Q VLANs</li> </ul>   |
| <b>Connector</b>                | <ul style="list-style-type: none"> <li>• 850nm SC multi-mode (Standard)</li> <li>• 850nm LC multi-mode (by request)</li> <li>• 1310nm SC, LC single-mode (by request)</li> <li>• 1550nm SC, LC single-mode (by request)</li> </ul>   |
| <b>Fiber Optic Cable</b>        | <ul style="list-style-type: none"> <li>• 62.5/125, 50/125m multi-mode</li> <li>• 9/125<math>\mu</math>m single-mode</li> </ul>   |
| <b>Data Transfer Mode/Speed</b> | <ul style="list-style-type: none"> <li>• Full duplex with NWay flow control</li> <li>• 1000Mbps speed</li> </ul>   |
| <b>LED Indicator</b>            | <ul style="list-style-type: none"> <li>• LINK/ACT, FDX</li> </ul>  |
| <b>Bus Slot</b>                 | <ul style="list-style-type: none"> <li>• PCI-e 1.1 Compliant</li> </ul>  |
| <b>Power Requirement</b>        | <ul style="list-style-type: none"> <li>• Max. 1.32W, +3.3VDC@0.4A</li> </ul>   |
| <b>Software Support</b>         | <ul style="list-style-type: none"> <li>• Windows 10 32/64 bits</li> <li>• Windows 8 &amp; 8.1 32/64 bits &amp; Server 2012 64 bit</li> <li>• Windows 7 32/64 bits &amp; Server 2008 R2 64 bit</li> <li>• WinXP &amp; Server 2003 32/64 bits</li> <li>• Novell NetWare 5.X and 6.X Servers</li> <li>• Novell NetWare DOS Client for ODI 16-bit</li> <li>• NDIS2</li> <li>• LINUX</li> <li>• FreeBSD 7.x and 8.0</li> <li>• PXE BootROM</li> </ul> |
| <b>Dimension</b>                | <ul style="list-style-type: none"> <li>• L108 x H68.5 mm (PCB)</li> </ul>  |
| <b>Environment</b>              | <ul style="list-style-type: none"> <li>• Operating temperature : 0°C to 50°C</li> <li>• Operating Humidity:5% to 90% (Non-Condensing)</li> </ul>   |
| <b>Certification</b>            | <ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>  |

## Ordering information

|                      |   |
|----------------------|---|
| <b>RP-3300EX</b>     | 1000Base-X Fiber PCI Express Adapter, SC multi-mode       |
| <b>RP-3300EX/LC</b>  | 1000Base-X Fiber PCI Express Adapter, LC multi-mode       |
| <b>RP-3300EX/S20</b> | 1000Base-X Fiber PCI Express Adapter, SC Single-Mode 20km |