

RP-3000EX

Gigabit Ethernet 1000SX Multi mode PCI Express Adapter



RP-3000EX PCI Express Gigabit Ethernet adapter supports PCI Express 1.0a bus interface and provides significant high-bandwidth performance over existing conventional PCI architecture. Microsoft NDIS5 (IP, TCP, UDP) checksum checking calculation and TCP segmentation/large send are offloaded from CPU and I/O of host system to improve system performance. RP-3000EX supports IEEE802.1Q VLAN Tagging to enable VLANs for network segmentation and security. It also supports IEEE 802.1p Layer 2 Priority Tagging to prioritize traffic. RP-3000EX can be managed remotely since it complies with RFC 1157 SNMP v1. It also provides Preboot Execution Environment (PXE) 2.1 to remotely boot workstations and thin clients on the network.

Feature

- PCI Express 1.0a compliant
- TCP segmentation/large send offload
- Advanced Configuration Power Management Interface (ACPI) 2.0
- IEEE802.1Q VLAN Tagging
- IEEE802.1p Layer 2 Priority Tagging
- Preboot Execution Environment (PXE) 2.1
- Microsoft NDIS5 (IP, TCP, UDP) checksum of flood
- RFC 1157 SNMP v1 compliant
- Cable diagnostic utility
- Supports Jumbo Frame up to 7K (Vista) and 4K (XP and other OS)

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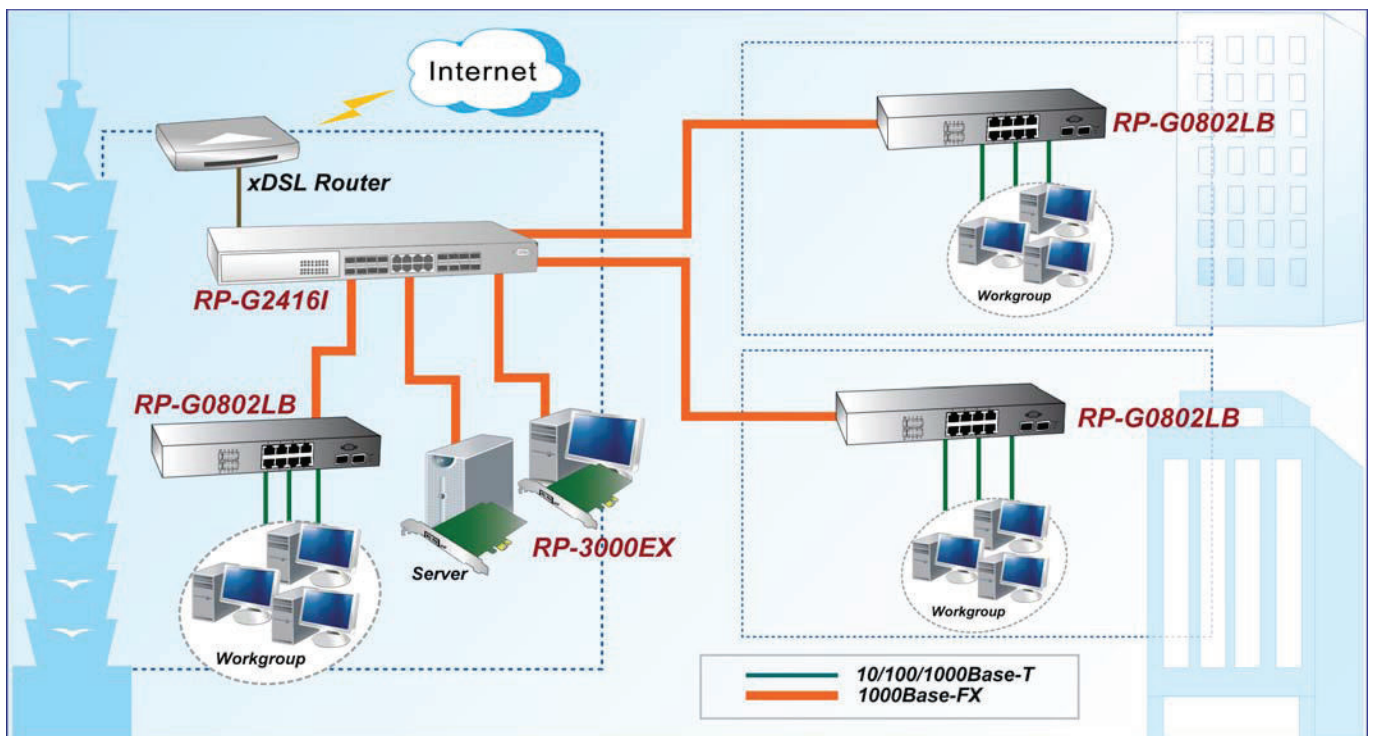
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Specification

Standards	<ul style="list-style-type: none"> • IEEE802.3u 100BASE-FX, IEEE 802.3z 1000Base-SX/LX • IEEE 802.3x Full-Duplex Flow Control • IEEE 802.3ad Link Aggregation • IEEE 802.1Q VLANs, IEEE 802.1p Quality of Service
Connector	<ul style="list-style-type: none"> • 850nm SC multi-mode
Fiber Optic Cable	<ul style="list-style-type: none"> • 62.5/125, 50/125m multi-mode • 9/125m single-mode
Data Transfer Mode/Speed	<ul style="list-style-type: none"> • Full duplex with NWay flow control • 1000Mbps speed
LED	<ul style="list-style-type: none"> • Per Unit: Link, Activity
Bus Slot	<ul style="list-style-type: none"> • PCI Express 1.0a compliant
Software Support	<ul style="list-style-type: none"> • Microsoft Windows 2000/ XP/ 2003/ Vista (32bit/64bit), Windows 7 (32bit/64bit) • Linux 2.4x/2.6x • Novell Netware 5.x/6.x
Power Consumption	<ul style="list-style-type: none"> • 2.3W Max.
Environment	<ul style="list-style-type: none"> • Operating temperature : 0°C to 45°C • Operating Humidity:5% to 95% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • 125 * 121mm
Certification	<ul style="list-style-type: none"> • FCC, CE

Application



Ordering information

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