



RP-3300EXA

Gigabit Fiber PCI Express Adapter

RP-3300EXA is a 1000base-SX Ethernet adapter model featuring the Intel I210IS Ethernet Controller. It is a top choice for Fiber to the Desktop (FTTD) applications, setting up optical fiber LAN networks. This adapter complies with industry standards like IEEE 802.3z and 1000Base-X, offering a robust and reliable full-duplex bandwidth of up to 2000Mbps for high-end servers.

With advanced features, the RP-3300EXA goes beyond basic networking capabilities. It enhances performance, offers flexible configurations, and ensures secure networking within standard-based environments. This empowers users to optimize network infrastructure, improve data management, network segmentation, and security protocols.

RP-3300EXA sets a new industry standard with its compliance, advanced functionality, and convenient monitoring. LED indicators provide quick link status and activity assessment for seamless network operation in various settings. Known for its high data security, reliability, stability, and compatibility, it is widely adopted in sensitive industries like prosecution, courts, police, military enterprises, and defense sectors, earning unanimous recognition from customers.

Features

- Single-port PCI-Express 1000BASE-SX Ethernet adapter
- High-performing design supporting PCI Express* Gen 2.1 2.5GT/s
- Innovative power management features including Energy Efficient Ethernet (EEE)
- DMA Coalescing, ultra-compact design and a unique ventilated bracket for increased efficiency and reduced power consumption
- IEEE 802.1Qav Audio-Video-Bridging (AVB) for tightly controlled media stream synchronization, buffering, and reservation
- support IEEE 802.1Q VLAN
- Reliable and proven Gigabit Ethernet technology from Intel Corporation

Specifications

Standards	<ul style="list-style-type: none">• 1000BASE-SX
Connector	<ul style="list-style-type: none">• 850nm SC multi-mode (RP-3300EXA)
Cabling Distance	<ul style="list-style-type: none">• 1000BASE-SX: 275 m at 62.5 μm; 550 m at 50 μm.
Data rate supported per port	<ul style="list-style-type: none">• 1000 Mbps
Bus Type	<ul style="list-style-type: none">• PCI Express* 2.1 (2.5GT/s)
Interrupt levels	<ul style="list-style-type: none">• INTA, INTB, INTC, INTD, MSI, MSI-X
Bus Width	<ul style="list-style-type: none">• 1-lane PCI Express; operable in x1 or greater slots
Controller - processor	<ul style="list-style-type: none">• Intel® Ethernet Controller I210
Power consumption (active-typical)	<ul style="list-style-type: none">• 0.75 W
Connect speed LED Indicators	<ul style="list-style-type: none">• Link/Activity LED: off = No Link ; on = Link; Blinking = Activity
Full-height end bracket	<ul style="list-style-type: none">• 12.07 cm (4.755 inches)
Low-profile end bracket	<ul style="list-style-type: none">• 8 cm (3.15 inches)
Environment	<ul style="list-style-type: none">• Operating Temperature: 0°C to 55°C• Storage temperature: -40°C to 70°C• Storage humidity: 90% non-condensing relative humidity at 35°C)
Certification	<ul style="list-style-type: none">• FCC, CE
Systems support	<ul style="list-style-type: none">• Windows CE/5.0• Windows Server 2000• Windows 7 32-bit (64-bit)• Windows Vista 32-bit (64-bit)• Windows Server 2003 32-bit (64-bit)• Windows Server 2008 32-bit (64-bit)• Windows Server 2008 R2 32-bit (64-bit)• NetWare NetWare 5.0/5.1/6.0/• DOS• Novell ODI

Ordering information

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1000Base-X Fiber PCI Express Adapter, SC multi-mode