



Gigabit Ethernet ExpressCard

10/100/1000 Mbps, ExpressCard/34 form factor

Part No.: 524056

EAN-13: 0766623524056 | UPC: 766623524056

The Gigabit Ethernet ExpressCard is a high-performance PCMCIA-style network adapter that fits in the new ExpressCard/54 and ExpressCard/34 slots of a computer. It is an ExpressCard/34 device, and supports the Single PCI Express lane (x1) specifications, operating at the baseline 2.5 Gbps data rate and providing faster throughput than the current 32- and 64-bit PCI bus architectures. And there is no need to switch to fiber optic cable — the INTELLINET NETWORK SOLUTIONS Gigabit Ethernet ExpressCard allows you to run Gigabit speeds over your existing copper-wire network cable.

Faster Throughput

The Single PCI Express lane (x1) interface supports throughput rates of up to 2 Gbps when running in full duplex mode. This is ideal for resource-intensive CAD/CAM, client-server databases, multimedia, pre-press, advertising graphics, and server and mission-critical applications.

Auto-Negotiation

The Gigabit Ethernet ExpressCard will automatically detect the network speed that the LAN switch port is set to and run at the same speed. The card supports 10Base-T Ethernet, 100Base-TX Fast Ethernet and 1000Base-T Gigabit Ethernet.

Full Duplex

When running in full duplex mode, the Gigabit Ethernet ExpressCard provides the following throughput rates: 20 Mbps (10Base-T Ethernet), 200 Mbps (100Base-TX Fast Ethernet) and 2 Gbps (1000Base-T Gigabit Ethernet).

Built-In Diagnostics

The Gigabit Ethernet ExpressCard comes standard with crossover detection, auto correction and pair swap/polarity/skew correction capabilities that make installation and maintenance a snap.

Features:

- Supports Gigabit speeds over existing network cable
- Does not require fiber optic cabling to run Gigabit speeds
- ExpressCard/34 device, fits in ExpressCard/54 and ExpressCard/34 slots
- Single PCI Express lane (x1) 2.5 Gbps interface

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- Full duplex speeds (20 Mbps, 200 Mbps, 2000 Mbps)
- Full duplex flow control (IEEE 802.3x)
- Wake-On-LAN (WOL) support
- Supports jumbo frames up to 9 kB
- Supports the most popular operating systems: Windows XP, Vista and Windows 7
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.3 (Twisted Pair Ethernet)
- IEEE 802.3u (Twisted Pair Fast Ethernet)
- IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

General

- Media support:
 - 10Base-T Cat3, 4, 5 UTP/STP RJ45
 - 100Base-TX Cat5 UTP/STP RJ45
 - 1000Base-T Cat5e/6 UTP/STP RJ45
- Form factor: ExpressCard/34
- Realtek RTL8111C chipset

LEDs

- 100M Link/Activity
- 1000M Link/Activity

Environmental

- Dimensions: 102.3 (L) x 34 (W) x 14.2 (H) mm (4 x 2.9 x 0.6 in.)
- Weight: 24 g (0.9 oz.)
- Operating temperature: 0 – 57°C (32 – 134°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -20 – 85°C (-4 – 185°F)

Supported OS

- Windows XP, Vista and Windows 7

Package Contents

- Gigabit Ethernet ExpressCard
- Driver CD
- User manual

