



XGN100C

10G Network Adapter PCIe Card with Single RJ45 Port

The Zyxel XGN100C converts a free PCI Express slot into a 10 Gigabit Ethernet port. It is designed to provide users with the multi-gigabit technology with full backward compatibility to smoothly migrate to a 10G networking environment from existing infrastructure. The XGN100C delivers a dependable way to upgrade or replace your existing network ports with one 10G/5G/2.5G/1G/100Mbps compatible RJ-45 port.



Hyper-Fast 10Gbps networking



Multi-Gigabit speed support



QoS for better traffic control



Maximum speed with PCI-E 3.0



Easy 10G network upgrade



Benefits

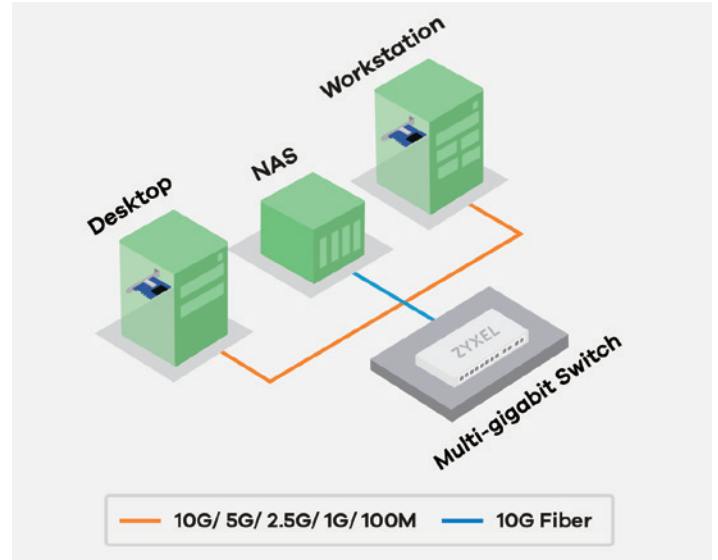
Hyper-Fast 10Gbps networking

10X faster than standard gigabit Ethernet which can easily handle the bandwidth of demanding tasks such as large file transfers, 8K streaming, or low-latency gaming at Home/SOHO/SMB environments.



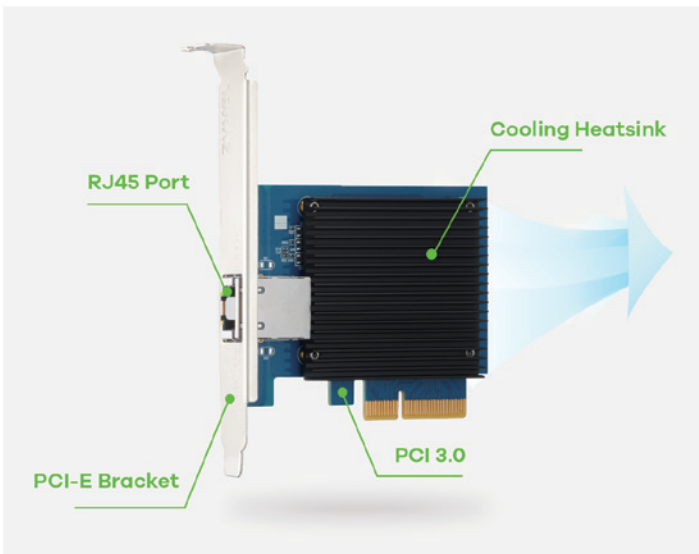
Multi-Gigabit with full backward compatibility

Performs multi-gigabit speeds 10G, 5G, 2.5G along with backward support for standard Gigabit and Fast Ethernet. Windows 10 & Linux OS supported, smoothly migrate to a 10G networking environment from existing infrastructure.



Cooling heatsink and PCI-E 3.0 for intensive tasks

Our efficient heatsink keeps XGN100C cool during operation. The PCI-E Gen-3 interface optimizes the line rate performance with your computer system, along with an easy installation for a high performance network.



Quality of Service (QoS), prioritizing bandwidth

Built-in QoS technology automatically prioritizes bandwidth for the most important applications. Download large files while retaining a smooth web surfing, gaming, and streaming experience on all your connected devices.



Specifications

System Specifications

Standard

- IEEE 802.3an 10Gbps Ethernet
- IEEE 802.3bz 2.5Gbps/ 5Gbps Ethernet
- IEEE 802.3ab Gigabit Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1p Priority Queuing

Performance

- Quality of Service
- Jumbo frame support up to 16 KB

Features

- Compatibility with current network standards, including 10/5/2.5/1 Gbps and 100 Mbps
- Jumbo frame and VLAN tagging support
- Standard and low profile brackets included
- Compatible with Windows® and Linux®
- Built-in Quality of Service (QoS) technology

Supported OS

- Windows 7, 8.0, 8.1, 10 (32/64-bit) or Server 2012
- Linux kernels 3.10, 3.12, 3.20, 4.2 or 4.4

Hardware Specifications

Interface

- PCI Express Gen-3(or2) x 4 Host Bus Interface
- 1x 10 Gbps RJ-45 Ethernet port (Supported Speeds: 10/5/2.5/1 Gbps and 100 Mbps)
- Pre-installed with full height bracket, also includes low profile bracket

LED Indicator

- Speed
 - Green: 10G
 - Amber: 5G/2.5G/1G/100M
- Link/Activity
 - Green
 - Steady: No data transmission
 - Blink: Data transmission

Physical Specifications

- Item dimensions (WxDxH): 82 x 68 x 18mm (3.22" x 2.67" x 0.7")
- Item weight: 78 g (0.17 lb.)
- Packing dimensions (WxDxH): 170 x 137 x 30 mm (6.69" x 5.39" x 1.18")
- Packing weight: 178 g (0.39 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 0% to 90% (Non-condensing)

Storage Environment

- Temperature: -40°C to 85°C (-40°F to 185°F)
- Humidity: 0% to 90% (Non-condensing)

Certifications

- EMC: CE, FCC, EAC, BSMI, Class B

Package Contents

- XGN100C
- Quick Start Guide
- Low profile bracket



For more product information, visit us on the web at www.zyxel.com

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