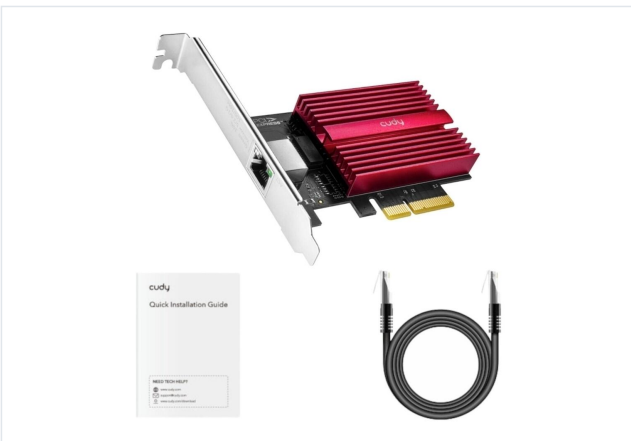
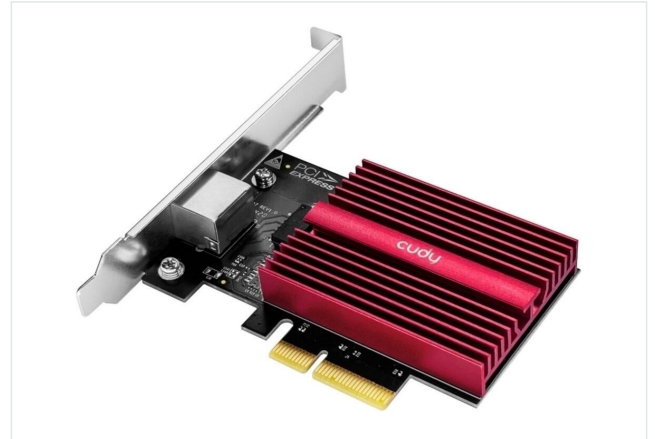


PE10G

Cudy PE10G Network Adapter 10Gbps PCI-e 3.0 x4

Product Overview

Cudy PE10G Network Adapter 10Gbps PCI-e 3.0 x4, RJ45 Interface with CAT6A support to deliver full 10G Throughput



Specifications

Overview:

Elevate your network performance with the Cudy PE10G Network Adapter, engineered to meet the demands of high-speed data environments. This adapter is ideal for professionals and enthusiasts requiring ultra-fast connectivity for tasks such as large-scale data transfers, server hosting, and seamless media editing on Network Attached Storage (NAS) systems. By integrating the PE10G into your setup, you can achieve download speeds up to 10 Gbps, significantly reducing latency and enhancing overall workflow efficiency.

Designed for versatility, the PE10G is compatible with PCI-E x4, x8, and x16 slots, ensuring seamless integration with a wide range of motherboards. The inclusion of both standard and low-profile brackets allows for installation in various chassis types, catering to diverse hardware configurations. Advanced features such as Energy-Efficient Ethernet (EEE) automatically optimise power consumption by transitioning the adapter into a low-power idle state during periods of minimal data activity, promoting energy savings without compromising performance.

Furthermore, the adapter's Flow Control mechanism is instrumental in preventing packet loss and data drops when operating at peak 10 Gbps transmission rates. This is particularly crucial for maintaining reliability in server operations and surveillance systems where data integrity is paramount. With the Cudy PE10G Network Adapter, you can confidently upgrade your network

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Product Specification Sheet

capabilities to support the most demanding applications and workflows.

Features:

- Energy-Efficient Ethernet (EEE)
- 10 Gigabit high-speed connectivity
- Supports PCI-E x4, x8, and x16 slots
- Includes standard and low-profile brackets for flexible installation in desktop PCs or compact chassis
- RJ45 interface with CAT6A support to deliver full 10G throughput
- Backwards compatible with 100M, 1G, and 2.5G networks

WHAT'S IN THE BOX:

- Cudy PE10G Network Adapter - 10Gbps, PCI Express x1
- Low-Profile Bracket x1
- Installation Guide x1
- Ethernet Cable x1

Specifications:

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Specifications	
Product Code	PE10G
Chipset	AQC113
10G RJ45 Ports	1
LED	Speed/Link/ACT of Ethernet Port
802.3 Protocols	802.3x Flow Control
	802.3az Power Saving
	802.3i 10BASE-T
	802.3u 100BASE-T
	802.3ab 1000BASE-T
	802.3bz 2.5GBASE-T and 5GBASE-T
	802.3an 10GBASE-T
Data Rate	Auto negotiation between 10 Mbps, 100 Mbps, 1 Gbps, 2.5 Gbps, and 10 Gbps
Hardware Requirement	PCI-E 3.0 x4 or higher slot on the motherboard for powering and the Ethernet function
Compatible OS	Windows 10/11 64-bit, Windows Server2022, Linux. DSM 7.2+
Ambient Operating Temperature	0 degreesC ~ 65 degreesC
Storage Temperature	-40 degreesC ~ 70 degreesC
Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 95% non-condensing
Certifications	FCC, CE
Main Part Dimension (without the bracket)	10 x 6.6 x 1.5 cm

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Product Specification Sheet

Product Weight	84.5 g
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Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/PE10G-Cudy-PE10G-Network-Adapter-10Gbps-PCI-e-3-0-x4-Buy-p-321175.php>

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If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.