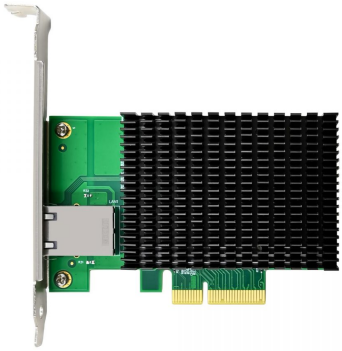
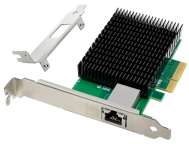
DATASHEET

10-Gigabit PCIe network card, 1xRJ45







General data

10/100/1000/2500/5000/10000Mbps transmission speed
Supports data rates of 8.0 GT/s and 5.0 GT/s per lane for smooth and efficient data flow. Choose between Gen3 x4 or Gen2 x4 compatibility for optimal performance on your system
16K jumbo frames for high transfer rates
Integrated Wake-on-LAN for remotely starting computers
Interrupt Moderation: Delivers increased performance while significantly reducing CPU usage
IEEE 1588 and 802.1as (time synchronization)
Supports IEEE 802.1P L2 packet prioritization to optimize data flow
Supports IPv4/IPv6 network operation

The GNC-0210 is a high-performance 10 Gigabit PCIe network card designed to bring your network speeds to full speed. Experience unmatched data transfer rates, improved efficiency and perfection for handling large data transfers, streaming high-resolution content and supporting resource-intensive applications.
Take your networking experience to a new level with the GNC-0210. Enjoy unmatched speed, efficiency and control for a truly premium connected experience.

General
Color green

Features

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EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

10-Gigabit PCIe network card, 1xRJ45

• Supports line rates of 8.0 GT/s and 5.0 GT/s per lane
• Supports Gen3 x4 or Gen2 x4
• Improved CPU utilization and network performance
• Advanced cable diagnostics
• Audio Video Bridging (AVB) and 1588v2
• Energy Efficient Ethernet (EEE) support
• 100 meters over Cat 6a at 10 Gbps
• 100 meters over Cat 5e and Cat 6a at 5Gbps/2.5Gbps/1Gbps/100Mbps

Miscellaneous
Data rate 10 Gbps
Host interface PCIe x4
Network Card Type Wired

Others
Approvals and Compliance
● CE
● FCC Part 15
● RoHS
Operating humidity 10% RH ~ 90% RH
Operating temperature 0°C ~ 45°C
Supported Operating Systems
● Windows 7/8/8.1/10
● Windows Server 2012/2016
● Linux
Storage humidity 10% RH ~ 90% RH
Storage temperature -40°C ~ 85°C

Physical Specifications
Dimensions (W x D x H) 105 x 68 x 20 mm
Product weight (kg) 0.11

System specifications
Jumbo frames (KB) 16
Standards ● IEEE 802.3: 10BASE-T (Ethernet)
● IEEE 802.3u: 100BASE-TX (Fast Ethernet)
● IEEE 802.3ab: 1000BASE-T (Gigabit Ethernet)
● IEEE 802.3bz: 2.5GBASE-T (2.5 Gigabit Ethernet)
● IEEE 802.3bz: 5GBASE-T (5 Gigabit Ethernet)
● IEEE 802.3an: 10GBASE-T (10 Gigabit Ethernet)
● IEEE 802.3az: Energy Efficient Ethernet (EEE)

Technical properties	
10 Gigabit Ethernet	True
Bus type	PCI Express

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10-Gigabit PCIe network card, 1xRJ45

Available variants		
ArtNr.	**Bezeichnung**	**Unique**
GNC-0210	10-Gigabit PCIe network card, 1xRJ45	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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