

InLine 51125O interface cards/adapter Internal

Model: 51125O

Manufacturer: INLINE

EAN: 4043718341429

Product Code: 469093

R2,881

Gigabit Ethernet with PoE+for a fast and reliable connection

1x RJ45 connectionwith 10/100/1000 Mb/s data rate

Supports Power over Ethernet Plus (PoE+)with up to 30 W power

Intel WGI210AT chipsetfor high performance and energy efficiency

PCIe x1 interfacewith standard and low-profile slot bracket

The **InLine® Gigabit network card PoE+**offers a powerful and versatile solution for professional use in **servers, workstations and AV applications**. With an **RJ45 Gigabit interface**, it enables a reliable **10/100/1000 Mb/s Ethernet connection**and supports modern network technologies for optimized **performance and energy efficiency**.

Thanks to **PoE+ (IEEE 802.3af/at) with up to 30 W**, it is ideal for **IP cameras, access points and VoIP telephones**, which can be supplied with power directly via the network cable - without a separate power source.

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Additional features such as **VLAN support (802.1Q)**, **Jumbo Frames up to 9K**, **Flow Control (802.3x)**and **Virtual Machine Device Queues (VMDq)**ensure **optimized network performance and efficient use of system resources**.

Technical data:

Bus type: PCIe v2.1 (5.0 GT/s) 1-lane

Connection: 1 x RJ45 (copper)

Data rate: 10/100/1000 Mb/s (Gigabit Ethernet)

Maximum cable length:

10BASE-T: Category 3 or higher (up to 100 m)

100BASE-TX: Category-5 or higher (up to 100 m)

1000BASE-T: Category 5e or higher (up to 100 m)

Chip set: Intel WGI210AT

Supported protocols: IPv4, IPv6

PoE+ (Power over Ethernet)

Maximum power: 30 W

Voltage range: 44-57 V DC

Dimension: 115 mm x 69 mm (PCIe board)

Network & protocol support

Supported IEEE standards:

IEEE 802.3 (Ethernet)

IEEE 802.3u (Fast Ethernet)

IEEE 802.3ab (Gigabit Ethernet)

IEEE 802.3x (Flow Control)

IEEE 802.1Q (VLAN)

IEEE 802.3af / 802.3at (PoE+)

IEEE 802.1Qav (audio-video bridging)

IEEE 1588 & 802.1AS (precise time synchronization)

Features:

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Auto-negotiation (10/100/1000 Mb/s)

MDI/MDI-X (automatic crossover detection)

Receive-Side Scaling (RSS)

Support for jumbo frames (up to 9K)

UDP/TCP & IP checksum offloading

Virtual Machine Device Queues (VMDq, up to 8 VMs)

Interrupt throttling control

Operating system support

Windows: 11, 10, 8, 7

Windows Server: 2008 R2, 2016, 2019, 2021

Linux: from kernel version 2.6.30

Other: FreeBSD, virtualization environments (e.g. VMware ESXi)

Environmental conditions:

Operating temperature: 0 °C to 55 °C

Storage temperature: -40 °C to 70 °C

Maximum humidity: 90 %

Scope of delivery:

1x InLine® Gigabit network card PoE+, 1x RJ45 1Gb/s

1x low-profile slot bracket

1x driver CD

1x operating instructions (German/English)

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