

InLine 51125P interface cards/adapter Internal

Model: 51125P

Manufacturer: INLINE

EAN: 4043718341436

Product Code: 469094

R4,096

Dual Gigabit Ethernet with PoE+for a fast and reliable connection

2x RJ45 portswith 10/100/1000 Mb/s data rate

Supports Power over Ethernet Plus (PoE+)with up to **30 W per port**

Intel NHI350AM2 chipsetfor high performance and energy efficiency

PCIe x4 interfacewith standard and low-profile bracket

The **InLine® Dual Gigabit Network Card PoE+**offers a **high-performance and versatile solution**for professional use in **servers, workstations and AV applications**. With **two RJ45 Gigabit interfaces**, 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 per port**, 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.

Additional features such as **VLAN support (802.1Q)**, **Jumbo Frames up to 9K**, **Flow Control**

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(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) 4-lanes

Connection: 2 x RJ45 (copper)

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

Chipset: Intel NHI350AM2

Supported protocols: IPv4, IPv6

PoE+ (Power over Ethernet)

Maximum power: 30 W per port

Voltage range: 44-57 V DC per port

Dimensions: 160 mm x 69 mm (PCIe board)

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)

Network & protocol supportSupported 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 (PoE) / IEEE 802.3at (PoE+)

IEEE 802.1Qav (audio-video bridging)

IEEE 1588 & 802.1AS (precise time synchronization)

Features:

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

MDI/MDI-X (automatic crossover detection)

Receive-Side Scaling (RSS)

Support for jumbo frames (up to 9K)

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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® Dual Gigabit network card PoE+, 2x RJ45 1Gb/s

1x low-profile slot bracket

1x driver CD

1x operating instructions (German/English)

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