

InLine 51128K interface cards/adapter Internal

Model: 51128K

Manufacturer: INLINE

EAN: 4043718343591

Product Code: 1081704

R1,562

Dual Gigabit Ethernet: Two RJ45 ports with 10/100/1000 Mb/s each enable parallel connections for maximum flexibility

High system compatibility:PCIe x1 interface and supplied low-profile slot bracket for standard and compact housings

Optimised network performance: Support for jumbo frames (up to 9K), VLAN tagging (802.1Q) and flow control (802.3x)

Energy-efficient data transmission: Supports IEEE 802.3az-2010 (Energy Efficient Ethernet) for lower power consumption

Reliable Realtek chipset: Combination of RTL8111 and ASM1182e for stable performance in professional environments

The **InLine® Dual Gigabit network card**with two RJ45 ports is the ideal solution for professional **server, workstation and AV environments**where a stable, redundant or separate network

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connection is required. Thanks to the **PCIe x1 interface**and the supplied **low-profile slot bracket**, it can be flexibly integrated into a wide variety of housing types.
The card provides a reliable **10/100/1000 Mb/s Ethernet connection**via both ports and supports modern network technologies such as **IEEE 802.1Q VLAN**, **Jumbo Frames up to 9K**and **Flow Control according to 802.3x**. In addition, the **Energy Efficient Ethernet (EEE) function** (802.3az) improves energy consumption during operation – ideal for continuous use in the company. The integrated **Realtek RTL8111 chipset**in combination with the ASM1182e controller ensures stable and high-performance data transmission - even in demanding network scenarios. All common operating systems are supported, including **Windows, Linux, FreeBSD**and virtualisation platforms such as VMware ESXi.

Bus type: PCIe v1.1 (2.5 GT/s) 1-lane
Connection: 2 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: Realtek RTL8111 + ASM1182e
Supported protocols: IPv4, IPv6
Dimensions: 79 mm x 60 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 802.3az-2010(EEE) Energy Efficient Ethernet

Features:

Auto-negotiation (10/100/1000 Mb/s)
MDI/MDI-X (automatic crossover detection)

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Receive-Side Scaling (RSS)

Support for jumbo frames (up to 9K)

UDP/TCP & IP checksum offloading

Operating system support

Windows: 11, 10, 8, 7

Windows Server: 2008 R2, 2016, 2019, 2021

Linux: from kernel version 2.6.30

Other: FreeBSD, virtualisation 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, 2x RJ45 1Gb/s

1x low-profile slot bracket

1x driver CD

1x operating instructions (German/English)

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