

InLine 51124I interface cards/adapter Internal

Model: 51124I

Manufacturer: INLINE

EAN: 4043718341214

Product Code: 469092

R3,527

Robust M12 interfacefor industrial and professional network applications

High data rates10/100/1000 Mb/s & 2.5 Gb/s (auto-negotiation)

PoE/PoE+(up to 25.5 W) to power compatible devices

VLAN tagging, **PXE boot**and **Wake-on-LAN support**

Standard and low-profile slot bracketsfor maximum compatibility;for maximum compatibility

The InLine® Gigabit network card was specially developed for robust and reliable network connections in industrial environments. Thanks to the M12 x-coded connection, it offers a secure and resilient connection that is ideal for use in machines, control systems and monitoring solutions. With a data rate of up to 2.5 Gb/s via the PCIe 2.1 x1 interface, it ensures fast and stable transmission of large amounts of data. Thanks to the integrated PoE+ support (IEEE 802.3af/802.3at), connected devices such as surveillance cameras, sensors or access points can be supplied with power directly via the network cable; a separate power source is not required. Additional functions such as Jumbo Frames (up to 16 KB) for more efficient data transmission, VLAN tagging for network segmentation,

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Wake-on-LAN for remote system startup and remote access to the network;for remote booting of systems and PXE support for network-based boot processes make the card a versatile solution for demanding network environments.

Technical data:

External: 1x M12 socket, 8-pin, x-coded

Internal: 1× PCI Express x1 (2.1), 1 x SATA 15-pin power connector

Bus type: PCIe v2.1, x1 lane (operational in x1, x4, x8, x16 slots)

Chip set: Realtek RTL8125B

Supported protocols: IPv4, IPv6

LED: Indicator for action (green) and connection (orange)

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 (PoE) / 802.3at (PoE+)

IEEE 802.1P Layer 2 Priority Encoding - Prioritize network: Efficiently control QoS

Advanced functions:

Supports PXE (Preboot Execution Environment)

Supports RealWoW (Remote Wake-on-LAN üover the Internet)

Supports crossover detection and automatic correction

Supports Microsoft NDIS5/NDIS6 Checksum Offload (IPv4, IPv6, TCP, UDP)

Jumbo Frames: Up to 16 KB

Environmental conditions:

Operating temperature: 0 °C to 55 °C

Storage temperature: -40 °C to 70 °C

Maximum humidity: 90%

Supported operating systems:

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Windows: 11, 10, 8.1, 8, 7 (32/64 bit)

Linux: Native support for Fedora, SUSE, Ubuntu, Red Hat

DOS and Novell

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