



- **Four RJ45 Gigabit ports** for powerful and stable network connections
- **PCIe x4 interface** with compatibility to x4, x8 and x16 slots
- **Supports Energy Efficient Ethernet (EEE), VLAN (802.1Q) and Jumbo Frames**
- **Ideal for virtualized environments and iSCSI applications**
- **Intel I350AM2*2 chipset** for high performance and optimized energy management

The InLine® Quad Gigabit Network Card has been specially developed for use in servers and data centers and offers high-performance network connections with four RJ45 Gigabit ports. It is ideal for virtualized environments, iSCSI applications and professional network infrastructures.

Thanks to PCIe v2.1 (x4), the card offers a high data bandwidth and is compatible with x4, x8 and x16 slots. State-of-the-art functions such as Energy Efficient Ethernet (EEE), DMA coalescing and flexible I/O virtualization (up to 32 virtual ports) ensure highly efficient network processing.

Technical data:

- Bus type & PCIe: PCIe v2.1 (5 GT/s) x4 lane (compatible with x4, x8, x16 slots)
- Connection: 4 x RJ45 (copper)
- Chipset: Intel I350AM2*2
- Supported Internet protocols: IPv4, IPv6
- Dimensions: 155 mm x 69 mm (PCIe board)

Duplex modes:

- Half duplex: 10/100 Mb/s
- Full duplex: 10/100/1000 Mb/s

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)

Features:

- Auto-negotiation: Automatic adjustment of the connection speed
- Wake on LAN (WOL): Remote start of the computer possible
- Jumbo frames: Transmission of larger data packets up to approx. 9K

Advanced technical details

IEEE standards:

- IEEE 802.3: Basic standard for Ethernet
- IEEE 802.3u: Fast Ethernet - 100 Mb/s
- IEEE 802.3ab: Gigabit Ethernet - 1000 Mb/s over copper
- IEEE 802.3x: Flow Control - control of the data flow
- IEEE 802.1Q: VLAN - division into logical networks
- IEEE 1588/802.1AS: For precise time synchronization

Other functions:

- Checksum offloading: Reduces the load on the processor during checksum calculations
- Interrupt levels: INTA, INTB, INTC, INTD, MSI, MSI-X

- Interrupt throttling control: limitation of the interrupt rate
- Support for receive-side scaling (RSS)
- Virtual machines: Support for device queues and next generation VMDq (up to 8 VMs)
- Management statistics & RMON support

Operating system support:

- Windows: 11, 10, 8, 7
- Windows Server: 2008 R2, 2016, 2019, 2021
- Linux: from kernel version 2.6.30

Environmental conditions:

- Operating temperature: 0 °C to 55 °C
- Storage temperature: -40 °C to 70 °C
- Maximum humidity: 90 %

Scope of delivery:

- 1x InLine® Quad Gigabit network card, 4x RJ45 1 Gb/s
- 1x low profile slot bracket
- 1x driver CD
- 1x user manual (German/English)

Technical Data	
Article height:	2 cm
Article length:	17 cm
Article width:	12 cm
Connections external:	4x RJ45 socket
Connections internal:	None
Interface:	Network
Low Profile:	Yes
Slot:	PCIe
Transmission rate:	1 Gb/s
Type:	Network card
Type of packaging:	InLine® Header with Euro perforation

Item No.	Interface	EAN
51127E	Network	4043718341658



If you have any further questions, please contact marketing@inline-info.com

www.inline-info.com/en/

Disclaimer

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