

InLine 51125B network card Internal Ethernet 1000 Mbit/s



Model: 51125B

Manufacturer: INLINE

EAN: 4043718348237

Product Code: 1552235

R1,470

Maximum network performance:Two RJ45 Gigabit ports provide reliable data transfer at up to 1 Gb/s each for demanding applications.

Optimized for virtualization:Supports Intel VMDq for efficient allocation of network resources to up to eight virtual machines.

Efficient system load reduction:Features such as RSS, flow control, and checksum offload reduce CPU load and improve overall performance.

Reliable data connection:The Intel 82576EB controller ensures stable connections with VLAN, jumbo frames, and IPv6 support.

Flexible use:Includes low-profile slot bracket for standard and compact cases and supports PCIe x4 according to v2.0 standard.

The InLine® Dual Gigabit Network Card with two RJ45 ports is the ideal solution for anyone who

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needs maximum stability and performance in their network. Equipped with the Intel 82576EB controller, the card offers extensive functions for increasing efficiency and reducing system load, including VLAN support, jumbo frames, flow control, and receive side scaling (RSS). Thanks to its support for VMDq, the card is perfectly suited for virtualized environments and allows network resources to be allocated to up to eight virtual machines. The PCI Express x4 interface according to v2.0 provides sufficient bandwidth for both ports and ensures uninterrupted data transmission.

The included low-profile slot bracket allows the card to be flexibly integrated into a wide variety of systems, from compact office PCs to rack servers. The high-quality workmanship and extensive compatibility with IPv4 and IPv6 make the card a future-proof choice for professional network infrastructures and ambitious home networks.

PCIe standard: PCIe v2.0 x4 lane

Connections: 2x RJ45

Speeds: 10/100/1000 Mb/s per port

Chipset: Intel 82576EB

Protocols: IPv4, IPv6

Jumbo frames: up to 9.5K

VLAN support: IEEE 802.1Q

Flow control: IEEE 802.3x

RSS: Receive-Side Scaling

Checksum offload: Relieves the CPU

VMDq support: Up to 8 virtual machines

Interrupt throttling: Optimized CPU utilization

Operating temperature: 0 °C to 55 °C

Storage temperature: -40 °C to 70 °C

Maximum humidity: 90%, non-condensing

Cable requirements: Cat.5e or higher recommended for 1000 Mb/s

LED behavior per port: Orange LED (Link) – lights up continuously when connected; green LED (Activity) – flashes during data transfer

Scope of delivery: 1x network card, 1x low-profile slot bracket, 1x driver CD, 1x manual DE/EN

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