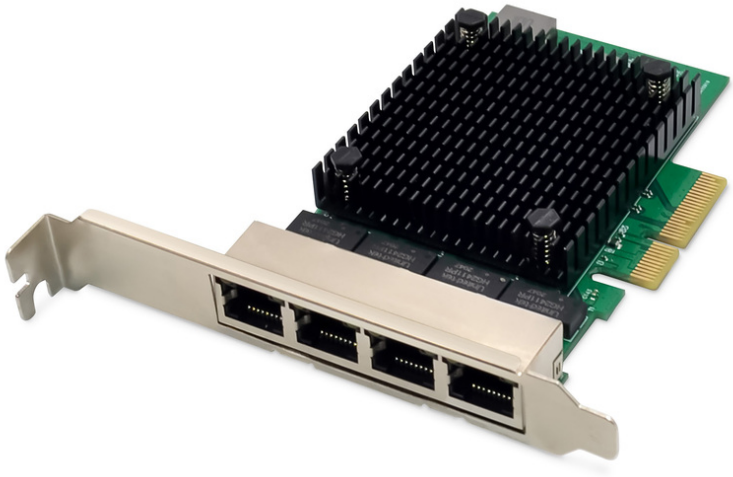
DIGITUS® 4 port 2.5 Gigabit Ethernet network card, RJ45, PCI Express, Realtek chipset

DN-10136

EAN 4016032487968



4-Port RJ45 RTL8125B, 2,5 GBits Server NIC

The DN-10136 PCIe Quad-Port 2.5G network adapter is realized by the combination of multiple chips, it is combines a four-speed IEEE802.3 compatible Media Access controller with a four-speed Ethernet transceiver, it is complies with the IEEE802.3u specification for 10/100Mbps Ethernet ,the IEEE802.3ab specification for 1000Mbps Ethernet and IEEE802.3bz specification for 2500 Mbps Ethernet. Also it offers high-speed transmission over CAT5e UTP cable OR CAT3 UTP(10Mbps only)cable .It is suitable for multiple market segments and emerging applications, such as desktop, workstation, server, communications platforms, and embedded applications.

The DN-10136 PCIe Quad-Port 2.5G network adapter combines an IEEE802.3-compliant Media Access Controller with a four-speed Ethernet transceiver. It meets the IEEE802.3u, IEEE802.3ab, and IEEE802.3bz specifications, supports high-speed transmissions over CAT5e/ CAT3 UTP cables, and is suitable for desktops, workstations, servers, communication platforms, and embedded applications.

- Support PCI Express Specification Revision 2.1
- 2-Lane PCI Express bus connecting with up to 10Gbps bus width
- PCI Express interface: x4
- Integrated 10M BASE-Te and 100/1000M/2.5G base-T 802.3 compatible transceiver
- Supports 2.5G and 1G Lite mode
- Auto-Negotiation with Extended Next Page capability(XNP)
- Supports pair swap/polarity/skew correction
- Crossover Detection& Auto-Correction
- Supports 1-Lane 2.5/5Gbps PCI Express Bus
- Supports hardware ECC(Error correction code)function
- Supports hardware CRC(Cyclic Redundancy Check)function
- Supports PCI MSI (Message Signaled Interrupt)and MSI-X
- Transmit/Receive on-chip buffer support
- Supports ECMA-393 ProxZzzy Standard for sleeping hosts
- Wake-On-LAN and 'RealWow!' Technology (remote wake-up)supports
- Compatible with IEEE802.3,IEEE802.3u,IEEE802.3ab
- Supports IEEE1588v1,IEEE1588v2,IEEE80.2AS time synchronization
- Supports IEEE802.1Qav credit-based shaper algorithm
- Supports IEEE802.1P Layer 2 Priority encoding
- Supports IEEE802.1Q VLan tagging
- Supports IEEE802.1ad Double VLAN
- Supports IEEE802.3az (Energy Efficient Ethernet)
- Supports IEEE802.3bz(2.5GBase-T)
- Supports full duplex flow control(IEEE802.3x)
- Supports jumbo frame to 16K bytes
- Supports Virtual Machine Queue(VMQ)
- Supports quad core Receive –Side Scaling(RSS)
- Supports Protocol Offload (ARP&NS)
- Drivers for Vista /Win7 / Win8 / Win10 /Win11/ Sever2008 / Sever 2012 / Linux / DOS
- Chipset: RTL8125B+ASM1806

Package contents

- 1 x PCIe Quad-Port 2.5G network adapter
- 1 x User's Manual
- 1 x CD
- 1 x Low profile bracket

Logistics

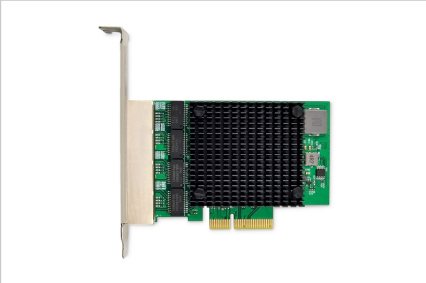
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	20	4.87	39.00	41.00	41.00	65,559.00
Packaging Unit Inside	1	0.24	3.00	15.50	22.00	1,023.00
Packaging Unit Single	1	0.24	3.00	15.50	22.00	1,023.00
Net single without Packaging	1	0.10	2.00	7.00	10.80	0.00

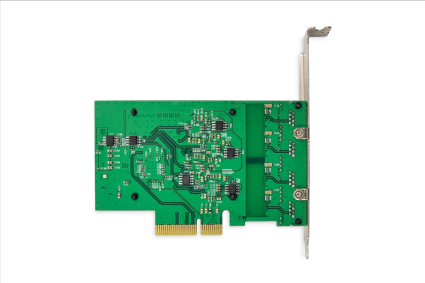
More images:











Safety notes

- Switch off the computer completely and disconnect it from the power supply before installing or removing the network card.
- Static discharge can damage the product or the PC. Take measures against static discharge (ESD) when installing the product, e.g. wear an antistatic wrist strap.
- Before installation, touch the metal surface of the PC housing or another grounded object to ground any ESD charge via the housing.
- Avoid using too much force when connecting the product to the PC.
- Please ensure that any cables are connected correctly without overstretching or damaging them.
- Avoid touching the contacts of the product with your fingers to prevent corrosion or static charge.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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