

MPN: MC-PCIEX1-RTL8125B-S

Network Card PCIe x1 RTL8125B

Single- 2.5G

The PCIe x1 RTL8125B Single 2.5G RJ45 network card is a high-speed Ethernet adapter designed to upgrade desktops, workstations, and embedded systems to 2.5 Gigabit connectivity. Powered by the Realtek RTL8125B controller, it delivers enhanced bandwidth over standard Cat5e/Cat6 cabling through a compact PCIe x1 interface. Ideal for users seeking faster LAN performance without infrastructure changes.

- Realtek RTL8125B controller for high-efficiency 2.5GbE performance with low CPU usage
- PCI Express x1 interface, compatible with x1, x4, x8, and x16 slots
- One RJ45 port supporting 10/100/1000/2500 Mbps Ethernet speeds
- Complies with IEEE 802.3bz, 802.3u, 802.3ab, and 802.3x standards
- Supports PXE boot, Wake-on-LAN, and advanced power-saving features
- Compatible with Windows 10/11, Windows Server 2016/2019/2022, Linux kernel 4.4+, and VMware ESXi 7.0+
- Includes 1 × User's Manual, 1 × CD-Driver, 1 × Low profile bracket



Specifications

Design	Chipset	Realtek RTL8125BG
	Internal	Yes
	Recommended usage	PC
Network	Maximum data transfer rate	2500 Mbit/s
Ports & interfaces	Connectivity technology	Wired
	Host interface	PCI Express
	Interface	RJ45 Ethernet
Vendor information	Brand Name	MicroConnect
	Warranty	25 Year(s)

Other images

