

MPN: MC-M.2-B+M-RTL8125B

Network Card PCIe M.2 B+M RTL8125B

Dual- 2.5G

The PCIe M.2 B+M RTL8125B is a compact dual-port 2.5 Gigabit Ethernet card designed for modern systems using M.2 slots. Powered by Realtek's RTL8125B chipset, it offers high-speed wired connectivity in a space-saving form factor, ideal for small form factor PCs, embedded systems, and custom networking setups.

- Integrated Realtek RTL8125B chipset for fast and stable 2.5G Ethernet performance
- Dual RJ45 ports supporting 100/1000/2500 Mbps speeds
- M.2 B+M Key interface for compatibility with a wide range of motherboards and embedded platforms
- Supports VLAN tagging, PXE boot, Wake-on-LAN, and checksum offloading
- Compatible with Windows 10/11, Linux kernel 5.x and newer, and FreeBSD
- Ideal for Mini PCs, NAS systems, industrial controllers, and high-ba



Specifications

Design	Chipset	Realtek RTL8125B+ASM1182e
	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

