

MPN: MC-PCIEX1-82576-S

Network Card PCIe x1 Intel 82576

Single- 1GbE

The PCIe x1 Intel 82576 Single-Port 1GbE RJ45 Network Card is a compact and reliable solution for adding high-performance Ethernet connectivity to systems with limited expansion space. Powered by the Intel 82576 Gigabit Ethernet controller, this card delivers stable and efficient 1GbE networking, ideal for desktops, embedded systems, and compact servers. Its PCIe x1 interface ensures broad compatibility, while support for advanced networking and virtualization features makes it suitable for a wide range of professional applications.

- Single 1GbE RJ45 Ethernet port powered by Intel 82576 controller for stable networking
- PCIe x1 interface compliant with PCIe 2.0, compatible with x1, x4, x8, and x16 slots
- Supports 10/100/1000 Mbps full-duplex operation with auto-negotiation
- Supports IEEE 802.3, 802.3u, 802.3ab, and 802.1Q VLAN tagging
- Features Intel® Virtualization Technology (VMDq, SR-IOV) for enhanced VM performance
- Supports Jumbo Frames up to 9.5 KB and Receive Side Scaling (RSS)
- Offloads for TCP/UDP/IP checksums and TCP segmentation to reduce CPU load
- Compatible with Windows 10, Linux kernel 5.x+, and VMware ESXi 6.7/7.0
- Includes 1 × User's Manual, 1 × CD-Driver, 1 × Low profile bracket



Specifications

Design	Chipset	Intel JL82576EB
	Internal	Yes
	Recommended usage	PC
Network	Maximum data transfer rate	1000 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

