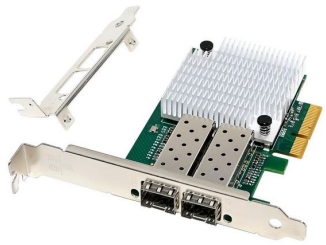
MPN: MC-PCIEX4-82576

Network Card PCIe x4 Intel 82576 Dual- 1GbE SFP

The PCIe x4 Intel 82576 Dual-Port 1GbE SFP Network Card is a professional-grade fiber networking solution designed for enterprise servers, virtualized environments, and secure infrastructure. Featuring two SFP ports powered by the Intel 82576 Gigabit Ethernet controller, this card supports 1GbE fiber transceivers for reliable, long-distance, and interference-free connectivity. With support for advanced virtualization and network offloading features, it ensures efficient data handling and low CPU overhead. Its PCIe x4 interface provides stable throughput, and broad OS compatibility makes it easy to integrate into various systems.



- Dual 1GbE SFP ports powered by Intel 82576 controller for fiber-based networking
- PCIe x4 interface compliant with PCIe 2.0, compatible with x4, x8, and x16 slots
- Supports 10/100/1000 Mbps full-duplex operation with auto-negotiation
- Supports IEEE 802.3z (1000BASE-SX/LX), 802.3x Flow Control, 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
Legal Information	**Country of Origin**	China
	Tariff No.	8471800000
	UNSPSC Code	43201404
Network	**Maximum data transfer rate**	1000 Mbit/s
Package dimensions	**Gross Weight (Package, kg)**	0.16 kg
Ports & interfaces	**Connectivity technology**	Wired
	Host interface	PCI Express
	Interface	SFP
Product dimensions	**Net Weight (Product, kg)**	0.14 kg
	Product Height	15.3 cm
	Product Width	6.9 cm
Vendor information	**Brand Name**	MicroConnect
	Warranty	25 Year(s)

Other images





