MPN: MC-PCIEX1-82576-S-1GBE

Network Card PCIe x1 Intel 82576 Single-1GbE SFP

The PCIe x1 Intel 82576 Single-Port 1GbE SFP Network Card is a compact and reliable fiber networking solution designed for systems with minimal expansion space. Featuring one SFP port powered by the Intel 82576 Gigabit Ethernet controller, this card supports 1GbE fiber transceivers for secure, long-distance, and interference-free connectivity. Its PCIe x1 interface ensures broad compatibility with most desktop and embedded systems. With support for advanced networking features and virtualization technologies, it's ideal for compact servers, firewalls, and secure network applications.



- Single 1GbE SFP port powered by Intel 82576 controller for fiber-based 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 802.3z (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)**	0.17 kg
Ports & interfaces	**Connectivity technology**	Wired
	Host interface	PCI Express
	Interface	SFP
Product dimensions	**Net Weight (Product, kg)**	0.15 kg
	Product Height	14.5 cm
	Product Width	6.8 cm
Vendor information	**Brand Name**	MicroConnect
	Warranty	25 Year(s)

Other images





