MPN: MC-PCIEX1-82576

# Network Card PCIe x1 Intel 82576 Dual-1GbE SFP

The PCIe x1 Intel 82576 Dual-Port 1GbE SFP Network Card is a compact and efficient fiber networking solution designed for systems with limited expansion slots. Featuring two SFP ports powered by the Intel 82576 Gigabit Ethernet controller, this card supports 1GbE fiber transceivers for reliable, long-distance, and interference-resistant connectivity. Its PCIe x1 interface ensures broad compatibility with most desktop and embedded systems. With support for advanced virtualization and network offloading features, it's ideal for secure and high-performance fiber networking in compact environments.



- Dual 1GbE SFP ports 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

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|---|---|---|
| **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)** | 0.15 kg |
| **Ports & interfaces** | **Connectivity technology** | Wired |
| | **Host interface** | PCI Express |
| | **Interface** | SFP |
| **Product dimensions** | **Net Weight (Product, kg)** | 0.13 kg |
| | **Product Height** | 16.7 cm |
| | **Product Width** | 6.9 cm |
| **Vendor information** | **Brand Name** | MicroConnect |
| | **Warranty** | 25 Year(s) |

## Other images





