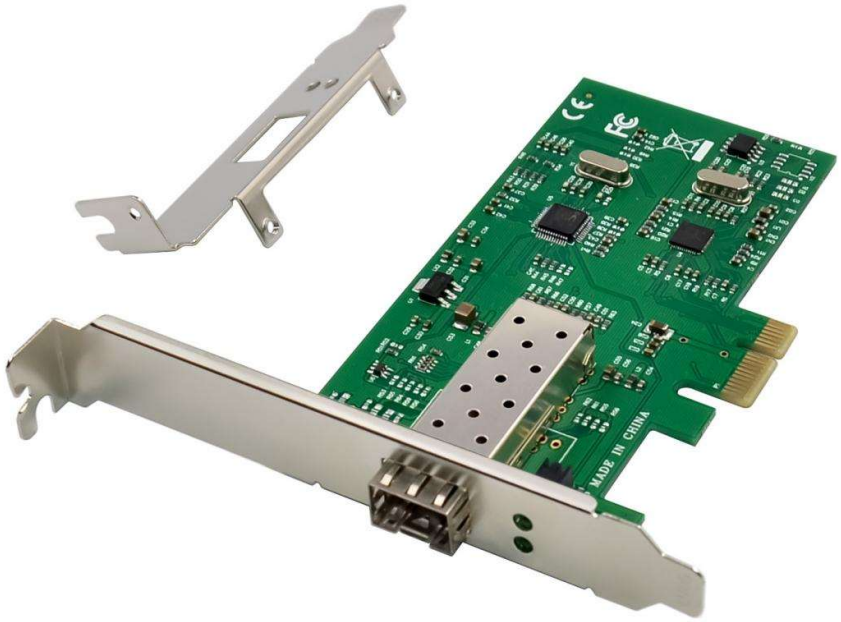
PCIe RTL8105E 100M Fiber LC Fast Ethernet NIC



P/N.: MC-PCIEX1-RTL8105E-S

USER Manual

EN ver2.0

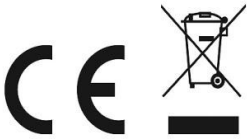
Description

The PCIe RTL8105E 100M Fiber network adapter is a single-chip ,full-duplex,100Mbps Ethernet MAC+PHY incorporating a PCI Express with bus master support. It is designed for use in a variety of applications including workstation NICs, PC motherboards, and other systems utilizing a PCI Express bus that require network connectivity to an Ethernet or fast Ethernet LAN.

Specification

- Compliant with PCI Express Revision 1.1
- Support 1-Lane 2.5Gbps PCI Express Bus
- Integrated 10/100M transceiver
- Compliant with IEEE802.3 100MBase-FX
- Support Full Duplex Flow Control(IEEE802.3x)
- Support IEEE802.1P Layer 2 Priority Encoding
- Support IEEE802.1Q VLAN tagging
- Support IEEE802.3az Draft2.0(EEE)
- Support quad core Receive-Side Scaling(RSS)
- Support Protocol offload(ARP&NS)
- Wake-on-LAN and remote wake-up support
- Support power down/link down power saving
- Support hardware ECC(Error Correction Code) function
- Support hardware CRC(Cyclic Redundancy Check) function
- Microsoft◯,R NDIS5,NDIS6 Checksum offload(IPv4,IPV6,TCP,UDP) and Segmentation Task-offload(Large send v1 and Large send v2)
- Within Single mode 1310/1550nm can achieve the maximum transmission distance of 20KM
- Connector interface: LC type
- Drivers for Linux,Window◯,R98SE/2000/NT/XP/Win7/Win8/Win8.1/Win10 32 or 64bit

Package content



- 1 x PCIe RTL8105E 100M Fiber network adapter
- 1 x User's Manual
- 1 x CD(Note: WinXP above the system use system drive can drive, so CD can be optional)
- 1 x Low profile bracket
- ~~Accessories~~

System Requirements

- Linux , Windows◯,R 98SE/2000/NT/XP/Server2003/Vista/Win7/server2008/Win8/Win8.1/Win10
- One available PCI Express x1/x4/x8/x16 slot

Hardware installation

1. Turn off the computer and unplug the power cord
2. Remove the computer cover and the adapter slot cover from the slot that matches your adapter
3. Insert the adapter edge connector into the slot and secure the bracket to the chassis
4. Replace the computer cover ,then plug in the power cord
5. Power on the computer

Install Drivers

Windows◯,R Operating Systems

1. Please insert the CD driver bound into your CD-ROM Drive.

2. Double-click to open the CD-ROM drive and find the driver corresponding to the system.

3.1 For Windows® WIN98SE,WinME

Type "**RTL8168,RTL8111C,RTL8111E\Windows\WIN98SE,WINME\PCIE_Install_5708_1119\setup.**

exe”, Double click it.

3. 2 **For Windows® WIN2K, XP, Server 2003 (32/64 bit)**

Type

“**RTL8168,RTL8111C,RTL8111E\Windows\WIN2K,XP,2003\PCIE_Install_5790_11182011\setup.exe**”, Double click it.

3. 3 **For Windows® Vista, WIN2008 (32/64 bit)**

Type

“**RTL8168,RTL8111C,RTL8111E\Windows\VISTA,WIN2008\Install_Vista_6250_11182011\setup.exe**”, Double click it.

3.4 **For Windows® Win7, WIN2008 (32/64 bit)**

Type

“**RTL8168,RTL8111C,RTL8111E\Windows\WIN7,WIN2008\Install_Win7_7049_11182011\setup.exe**”, Double click it.

3.5 **For Windows® Win8, Win8.1 (32/64 bit)**

Type

“**RTL8168,RTL8111C,RTL8111E\Windows\Win8,Win8.1\Install_Win8_8.1_8020_09182013\setup.exe**”, Double click it.

3.6 **For Windows® Win10 (32/64 bit)**

Type

“**RTL8168,RTL8111C,RTL8111E\Windows\Win10\Install_Win10_10003_08202015\setup.exe**”, Double click it.

4. Follow the on-screen instructions to complete the installation.

Support

More information and settings, please refer to the Adapter User Guides or you can contact us.

Micro Connect®
Reliable Connectivity