PCIe RTL8111E Single-Port Gigabit Ethernet NIC

USER Manual
EN ver2.0

Product Introduction

This Gigabit Ethernet PCI-Express Card is a high performance 10/100/1000 BASE-T Ethernet LAN controller which designed by RTL8111E chipset, is perfectly for home and office use. It provides a low cost solution for connecting to a high speed Local Area Network with a data transfer rate up to 1000Mbps over a group of 4 twisted pair copper wires to a distance of maximum 100 meters away. It is 100 times faster than, and yet 100% fully backward compatible with 10/100BASE-T system, therefore, it can be easily plugged into almost any existing network with CAT-5 cabling.

Specification

- Complies with PCI-Express Revision 1.1
- PCI-Express 1-Lane (x1) interface
- Supports standard and low profile chassis
- A high performance 1000BASE-T Ethernet controller card
- Backward compatible to 10/100BASE-T networking
- 10/100/1000Mbps data rate auto negotiation operation
- Compatible to existing CAT-5 UTP cabling
- Fully compliant with IEEE802.3,IEEE802.3u, IEEE802.3ab
- Supports half / full duplex mode and 802.3x Flow Control
- Supports IEEE802.1P Layer2 Priority Encoding
- Supports IEEE 802.1Q VLAN tagging
- Crossover Detection and Auto Correction operation
- Supports power down/link down power saving
- Wake-on-LAN and remote wake-up function support

Package content

- 1 x PCIe RTL8111E Gigabit network adapter
- 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® 98se/me/2000/XP/2003/Vista /Win7/2008/Win8 (32/64 bit)
- PCI Express-enabled system with an available PCI Express 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

① **100 Link/Active LED**

② **1000Mbps Link**

Driver Installation

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

2. At the Windows desktop, click **Start**, **Run**.

3. 1 *For Windows® WIN98SE,WinME (32/64 bit)*

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

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

Type"**RTL8168,RTL8111C,RTL8111E\Windows\WIN2K,XP,2003\PCIE_Install_5790_1 1182011\setup.exe"**, click **OK**.

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

Type"**RTL8168,RTL8111C,RTL8111E\Windows\VISTA,WIN2008\Install_Vista_6250_ 11182011\setup.exe"**, click **OK**.

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

Type"**RTL8168,RTL8111C,RTL8111E\Windows\WIN7,WIN2008\Install_Win7_7049_ 11182011\setup.exe"**, click **OK**.

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"**, click **OK**.

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.