PCIe RTL8111F Dual-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 RTL8111F+ASM1182e chipset, is perfectly for home and office use. It is provide Dual- RJ45 port and support 10/100/1000M rate full duplex,half-duplex adaptive. It is support to send Gigabit super-long frame ,highest can provide two-way data transfer rate of 1000M .Using it can be implement gigabit network to the desktop ,Enhance network performance .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
- Supports jumbo frame to 9K bytes
- 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
- Transmit /Receive on-chip buffer support
- Crossover Detection and Auto Correction operation
- Supports power down/link down power saving
- Wake-on-LAN and remote wake-up function support
- 2 * RJ45 Gigabit LAN ports

Package content

- 1 x PCIe RTL8111F 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_11182011\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.