



## **DW-LCV6105**

### **PCI 100FX Fiber NIC (VT6105 Based)**



#### **Descriptions:**

DW-LCV6105 is designed by DONGWE. It is a 100Mbps managed PCI bus fiber nic. The DW-LCV6105 can supply reliable fiber optic connections for user's when surf the fast ethernet internet, particularly it is suitable access the distance beyond the five lines access distance (100m) of the place. It can completely replace the ethernet card external photoelectric conversion of the network structure of the commonly used RJ-45, to provide users with reliable fiber-to-the-home and fiber-to-desktop solutions. Users can select the optical interface parameters (including connectors, single / multi-mode fiber, working distance) according to the distance..



**Features:**

- ◆ Based on Taiwan VIA VT6105M controller
- ◆ 100M 1\*9 module, MM or SM available
- ◆ Both full-height and low profile for small form factors
- ◆ Support PXE Boot Rom
- ◆ compliant with IEEE 802.3u 100Base-FX / IEEE 802.3ah 100Base-LX10 / -BX10 ethernet standards  
100Mbps fast ethernet ,Full duplex or half-duplex, reach 200Mbps in full duplex
- ◆ Supports 32-bit PCI 2.2 buses  
support IEEE 802.3x Flow Control enabled with full duplex operation, allowing enhanced operation when directly connected to a switch.
- ◆ support IP Unicast broadcast and multicast address filtering mechanism  
support IEEE 802.1p Tagging supported, ensure the sensitive data can reach on time  
support IEEE 802.1Q VLAN tagging  
support GVRP VLAN registration protocol  
support TCP/IP, CPU Task Offload reduces host CPU use  
advanced management, support DMI 2.0 and ACPI 1.0

**Advantages:**

- ◆ Use the double copper thickness, 5OZ heavy gold plate to ensure the good reflect and heat dispersion
- ◆ Optimize designation, improved the distribution line and integral network arrangement
- ◆ Use the high power control, improved the high temperature of IC problem
- ◆ Add the PXE BootRom controller and PXE

**Applications:**

- ◆ 10/100Mbps FTTD Network
- ◆ 10/100Mbps Industry Ethernet
- ◆ Other fiber applications AS



**NOS Software Support:**

- ◆ Windows XP 32-bit (64-bit)
- ◆ Windows 7 32-bit (64-bit)
- ◆ Windows 8 32-bit (64-bit)
- ◆ Windows Vista 32-bit(64-bit)
- ◆ Windows Server 2003 64-bit
- ◆ Windows ME/95/98/98SE/NT
- ◆ Windows CE net5.0/6.0
- ◆ Windows Server 2000
- ◆ DOS
- ◆ Ubuntu pre 8.04/9.04/ 9.10/10.04
- ◆ SuSE Linux Enterprise 11,
- ◆ Fedora Core 1.0 Linux /2.0/3.0/4.0/5.0/6.0/7.0/8.0/11.0
- ◆ Kernel 2.6.19.X,
- ◆ OpenUNIX 8.0 (Caldera)/openSuSE Linux 10.3 & earlier versions,
- ◆ Mandrake/Mandriva pre-2006/2006/2007/2007.1/2008 Linux
- ◆ Red Flag Linux, Red Hat Linux
- ◆ FreeBSD versions 4.x, 5.x, 6.x and 7.0.
- ◆ UNIX Solaris 8, 9 and 10 x86 and and UNIX Solaris 10 x64 editions
- ◆ UnixWare 7.x
- ◆ Sun Solaris x86



**Environmental Parameters:**

- ◆ Operating Temperature: 0°C--50°C
- ◆ Storage Temperature : 5°C--55°C
- ◆ Humidity Range Operating: 5%--95%, non-condensing
- ◆ Power: 2W
- ◆ LED: green Link/Activity, orange and green color indicated
- ◆ Size: 120mm×53mm

**Ordering Information:**

Part Number	Description
DW-LCV6105	PCI 100FX Fiber NIC (VT6105 Based) ,MM or SM, 2km-120km

PS: The above details is just for reference,if there is any change,no inform will have.