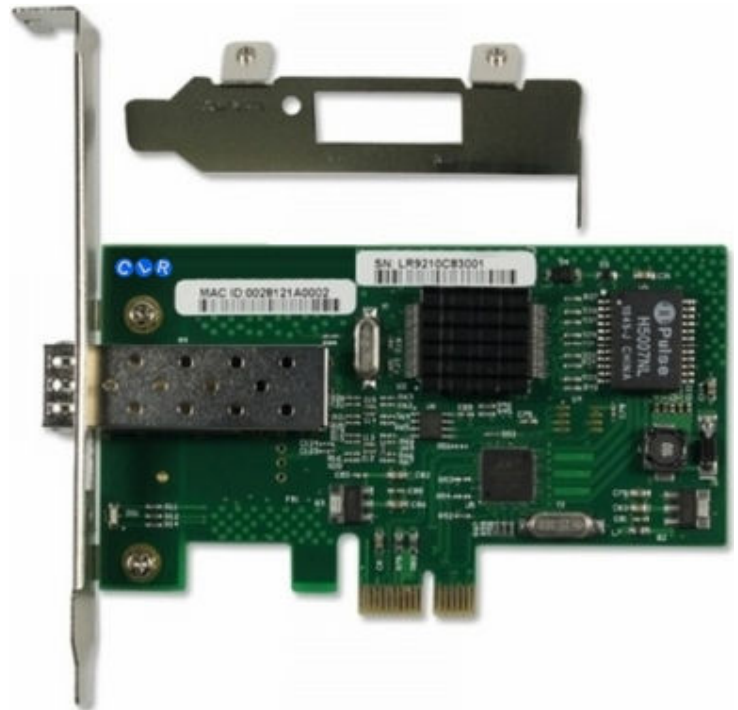


CLR-NIC-DG-SFP

PCI-E Fiber NIC 1 x Gigabit SFP
slot - Desktop type



Overview

CLR-NIC-DG-SFP is a PCI-E bus 1000Mbps fiber network card. It can be matched with different optical transceiver modules with different transmission distances according to the user needs. The network card can offer users reliable fiber-optic link on gigabit ethernet, particularly it is good choice for locations where covered distance to the host devices is beyond 100m. It can completely replace the Ethernet card with RJ45 port. Also provides reliable FTTH and FTTD solutions. Users can select the optical interface parameters (single-mode / multi-mode fiber, working distance, etc).

Uses the American Marvell as major chipset controller and the USA Broadcom as original photoelectric controller to supply high performance for network card. Efficient high-power management chipset provides a safe, stable and reliable power source to the NIC.

Features

- Plug and play
- PCI-E X1 compliant
- 1000M SFP module with LC connector, MM and SM available
- Supports IEEE 802.3z 1000Base-SX / 1000Base-LX Ethernet standard
- 1000Mbps gigabit ethernet, Full duplex or half-duplex,
- Supports IEEE 802.3x flow control
- Supports IP Unicast broadcast and multicast address filtering mechanism
- Supports priority queue.
- Supports IEEE 802.1Q VLAN tagging.
- Supports IP multicast packet filtering which reduces host CPU usage.

Specifications

Standards	- IEEE 802.3Z 1000Base-SX/LX Ethernet standard
Interface	- 1 * 1000Base-SX/LX SFP slot
Frame Size	- 1600bytes
MAC Address Table Size	- 8K
VLAN	- IEEE 802.1q VLAN tagging - GVRP VLAN registration protocol
QoS	- IEEE 802.1p priority control
Flow Control	- IEEE 802.3x flow control
Connector Type	- Fiber: LC, 1000Mbps
Other	- PCI-E complaint - ACPI 2.0 power manage functions - DMI 2.0 desktop management
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 2008 32-bit (64-bit) - Windows Server 2008 R2 32-bit (64-bit) - DOS - Linux Kernel 2.6.x
Approvals	- FCC, CE