

US36: USB2.0 CardBus PC Card

- ✓ Built-in NEC uPD720101 USB2.0 Controller
- ✓ USB2.0 EHCI, and USB1.1 OHCI Compliant
- ✓ Supports PC Card 32-bit CardBus Type-II Slot
- ✓ Up to 480Mbps USB2.0 Transfer Rate
- ✓ USB1.1 Device Compatible and USB2.0 Ready
- ✓ Provides 2 External USB Type A Connectors
- ✓ Provides one DC Jack to enhance USB Bus Power
- ✓ Supports up to 127 USB Devices
- ✓ Inter-operable with major USB peripherals
- ✓ Supports Windows 98SE, Me, 2000, XP and Mac OS



INTRODUCTION

The US36 is the highest performance CardBus to USB adapter which is fully compatible with the OHCI specification v1.1. and USB 2.0 EHCI standard. It supports data speed up to 480 megabits per second (Mbps). That's 40 times faster than USB1.1.

The US36's multiple connection architecture supports concurrent operation of up to 127 physical USB devices while maintaining top speeds (480/12/1.5Mbps). It is an ideal technology for external storage devices, digital cameras, webcams, scanners, and much more. It is perfectly suited for USB device bandwidth ranging from a few kilobits per second to 480Megabits per second. It will accommodate isochronous transfer allowing real time applications such as telephony and audio full access to the entire bus bandwidth, maximizing performance and efficiency.

The US36 is an ideal upgrade to support all USB-compatible devices for the rapidly changing Notebook computer to preserve user's investment in the USB bus.

SPECIFICATIONS

System

For 32-bit CardBus Systems

CardBus Interface

Fully PC Card 32-bit CardBus Type-II Slot and Plug & Play compliant

USB ports

Provides 2 USB ports which managing up to 480Mbps:

- Compliant with USB2.0 EHCI and USB1.1 OHCI standards
- Supports up to 127 devices over an industry standard USB-compatible 4 wire cable
- Integrates seamlessly with other USB devices and HUB-based products

USB Devices

Supports keyboard, mouse, monitor, scanner, printer, PC Camera, telephone, CD-ROM drive, joystick, virtual reality helmet, modem, PBX and more

I/O Hardware

Supports 2 external USB Type-A connectors.

OS Support

Supports Windows98SE, Me, Windows 2000, XP and MAC OS 8.6 or above

Power Requirements

DC 3.3±0.165V, excluding USB bus devices, Power Dissipation: 250mW Typical

Form Factor

4.49" x 2.12" (11.40cm x 5.40 cm)
