

NET 2280 Key Features

- ◆ PCI v3.0 – 33 MHz, 32-bit bus
- ◆ Hi-Speed USB 2.0 Peripheral Port
- ◆ Instantly add a Hi-Speed USB 2.0 peripheral port into any PCI-based systems
- ◆ Ultra fast performance of up to 480Mbps
- ◆ 8x8x1 mm FPBGA package for ultra portable devices
- ◆ Ideal for PCI embedded systems
- ◆ Easy hardware integration
 - ◆ 32-bit PCI interface
- ◆ 4 DMA controllers with Scatter Gather descriptor capability
- ◆ USB Auto-Enumeration
- ◆ Firmware available to support many standard USB Classes (Mass Storage, MTP, etc.)
- ◆ WinXP, Vista, Linux, and WinCE Support



Application:

Video Gaming Machine

PLX Product:

NET 2280 – PCI to Hi-Speed USB 2.0 Peripheral Controller

Key Benefit:

Fast and Secure Software Updates & Diagnostics

Latest & Greatest

The glamour of Las Vegas, Atlantic City, and Macau. Neon-lit streets lined with luxurious hotels boast the latest and greatest in these gaming cities.

From shows to dining to gaming, the hotels in these cities are constantly striving to attract visitors with the latest craze.



Today's video gaming machines are developed with new themes and gameplay to attract all different types of players. The software on these PC-based machines is the key to create the best gaming experience. When the software needs updating, a fast, secure, and reliable data connection is required (Imagine the time it would take to update hundreds of these machines in each casino!). This connection will also allow important diagnostic data to be downloaded for analysis.

The NET 2280 PCI to Hi-Speed USB 2.0 Peripheral Controller is the high speed connection solution for today's video gaming machines.

Easy Hardware Development

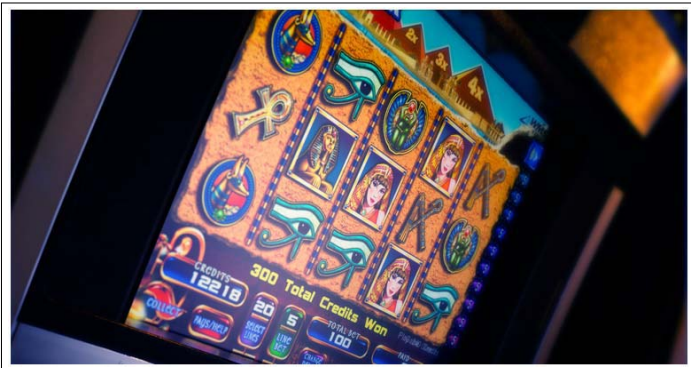
The NET 2280 is optimized for adding a Hi-Speed USB 2.0 peripheral port to the PC-based video gaming machines. The PCI bus on the NET 2280 directly connects to the PCI-based system, so the hardware design is simple. With its ultra fast performance (480Mbps!), the NET 2280 is an ideal solution for adding USB 2.0 peripheral connectivity to the video gaming machine.



Quick & Secure Software Update

Video gaming machines are constantly changing with new software development. Newer software and changing probabilities help to attract more players. If a certain game title is not performing well (not enough players or not meeting the return on investment), a new title or new odds can be implemented via a software update rather than changing the physical machine itself.

Updating the software is easy, quick, and secure with the NET 2280. A technician can utilize the plug-and-play capabilities of USB to quickly connect the laptop to the video gaming machine. The new software can be uploaded at 480Mbps! In contrast with an Ethernet connection, which is vulnerable to hacking and security breaches, USB is a direct connection that is secure and reliable.



Add USB 2.0 to the gaming machine with the NET 2280!

Configuration and Diagnostics

Video gaming machines need to provide both excitement for the player (probability of hitting jackpots) and profitability for the casino. The right balance will yield more returning players as well as more money for the casino. To find the right balance, it is important to obtain diagnostic data such as the number of players, number of jackpots, and other statistics from the machine. With the NET 2280's USB 2.0 connection, downloading the large database of diagnostic data from the video gaming machine can be done securely in a matter of minutes!

Additional PLX Advantages

- ◆ Superior USB expertise and support
- ◆ Complete firmware library for many standard USB device classes (Mass Storage, MTP, etc.)
- ◆ Wide Range of Application Notes
- ◆ Schematic and Layout Design Reviews
- ◆ USB 2.0 Compliance Testing
- ◆ PCI-based Development Systems

Design Tools & Documentation:

NET 2280:

<http://www.plxtech.com/products/net2000/net2280.asp>

USB Software:

<http://www.plxtech.com/products/NET2000/software/default.asp>

Available on PLX website:

- ◆ Data Book, Application Notes, Performance Reports, Migration Guide, Design Guidelines, Video Demos, and more.

Contact Information

PLX Technology, Inc.
870 Maude Ave.
Sunnyvale, CA 94085 USA
Tel: 1-800-759-3735
Tel: 1-408-774-9060
Fax: 1-408-774-2169
Product Marketing:
Alex Chow: achow@plxtech.com
Web Site: www.plxtech.com

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