



**Overview**

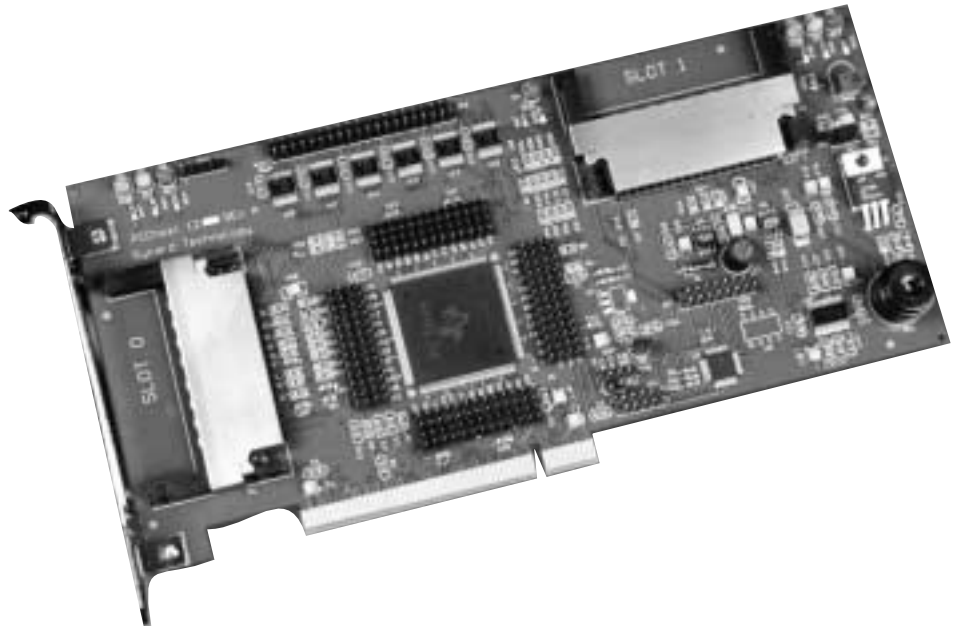
Sycard Technology's PCChost 1225 CardBus development host provides the engineer with a platform to evaluate Texas Instrument's high performance CardBus bridge. The PCChost 1225 is based on the TI PCI1225 CardBus host adapter chip which offers full 132MByte/sec transfer performance along with ACPI. Contained on a single Peripheral Component Interconnect (PCI) bus card, the PCChost 1225 is compatible with a wide variety of PC and non-PC PCI hosts.

The PCChost 1225 includes a Zoomed Video (ZV) port for testing and evaluation of zoomed video cards. A 40-pin header facilitates connection to an external Zoomed Video capable video card. Both slots can accommodate ZV cards.

The PCChost 1225 is fully supported under Windows 98/ME/2000. The unit is the perfect platform to test your existing 16-bit PC Cards. A large percentage of the notebooks coming on to the market will incorporate this type of controller. Vendors of 16-bit cards that currently work in 16-bit only slots will need to insure that their current cards work in the PCI environment of the CardBus interface.

Designed with the engineer and technician in mind, the PCChost 1225 contains several features for debug and testing. Each pin on the PCI1225 is brought out to a header for logic analyzer or scope connection. LEDs indicate slot power, activity and zoomed video status. The 3.3V supply may be adjusted from 3.0 to 3.6V for voltage margin testing.

The PCChost 1225 is built with quality components for long service life. Full schematics and datasheets are provided with each unit. Technical support, application notes, and updates are always available on our web site at <http://www.sycard.com>.



**Uses**

- Software design tool
- TI PCI 1225 evaluation
- CardBus card development
- Software client development
- 16-bit card verification
- Hardware validation tool

**Accessories Supplied**

- PCChost 1225 User's Manual
- ISA Interrupt Board

**Availability**

NOW

**Key Features**

- Based on Texas Instruments PCI 1225 PCI-CardBus Bridge
- Standard sized PCI board
- Dual socket design
- All signals accessible via 0.1" test posts
- Supports 16-bit, CardBus and Zoomed Video Cards
- Support both PCI and ISA interrupts
- Zoomed Video port
- Full ACPI support
- LEDs indicate slot power and activity
- Overcurrent LED informs user of possible shorts
- Overcurrent protection protects card and host
- Uses TPS2206 single chip power switch
- On-board 12V Vpp supply
- Adjustable 3.3V supply for voltage margin testing
- On-board speaker
- Includes ISA Interrupt Interface Board

**Mechanical Specifications**

**Physical**

Width	5.0" (127mm)	Thickness	0.8" (20.3mm)
Length	8.75 (222mm)	Weight	5.5 oz.

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