

CardBus adapter card

The 2851 is a PC/104 Plus expansion card that provides a single PC card (also known as PCMCIA) or CardBus slot. The single CardBus socket is compliant with the PC Card Standard (Rev 7.2). The slot accepts 8-, 16-, or 32-bit PC expansion cards. These are small, about the size of a credit card, and are also known as PC card and CardBus cards. They can be either Type I, Type II, or Type III format.

The socket has an ejector button for easy removal of cards. The socket supports both 5V and 3.3V cards. A CardBus card is connected through the PC/104 Plus connector as a PCI device and provides higher performance than the 16-bit PC Card. The PC/104 Plus expansion bus supports mastering devices.

PCMCIA SLOT:

- ◆ Accepts CardBus and PC card (PCMCIA) devices
- ◆ Supports 8-, 16-, and 32-bit cards
- ◆ 3.3V or 5V cards, automatic voltage switcher; +12V routed to legacy cards if provided by PC/104 Plus connector
- ◆ Type I, II, and III cards
- ◆ Ejector button for easy card removal.

DRIVERS:

- ◆ Fully compatible with Windows® 95 through Windows 2000, and Windows XP Embedded
- ◆ Windows CE.net supports 32-bit devices
- ◆ Linux support with kernel 2.4.12 or later
- ◆ QNX 6.1 PC card driver required

SLOT NUMBER:

- ◆ Set via jumpers, default is slot



ENVIRONMENTAL & POWER:

- ◆ -40° to 85° C operating
- ◆ -55° to 95° C nonoperating
- ◆ 5% to 95%, RH, noncondensing
- ◆ Up to 40g shock, 3 axis
- ◆ Up to 5g vibration, 3 axis
- ◆ Size 3.550" x 3.755" x 0.500", PC/104 Plus form factor
- ◆ 5V ±5%, 170 mA maximum; drawn from PC/104 Plus connector
- ◆ Up to 1A supplied to Cardbus devices.

RoHS compliant



The 2851 is available as compliant with EU Directive RoHS 2002/95/EC that restricts the use of lead, cadmium, polybrominated biphenyls (PBB), mercury, hexavalent chromium, and polybrominated diphenyl ethers (PBDE). Customer must request RoHS version in purchase order.

Ordering information

- #6368 2851 CardBus
- #6368-R 2851 CardBus, RoHS compliant