

# Sangoma B601DE PCIe Hybrid Voice Card with Hardware Echo Cancellation



Product Name: Sangoma B601DE PCIe Hybrid Voice Card with Hardware Echo Cancellation

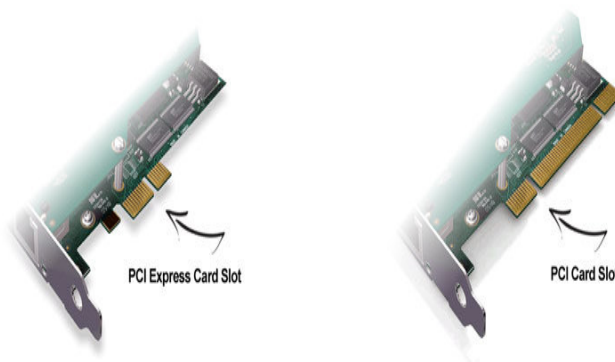
Manufacturer: Sangoma

Model Number: B601DE

## Sangoma B601DE PCIe Hybrid Voice Card with Hardware Echo Cancellation

The Sangoma B601DE voice cards deliver customers a substantial cost savings by integrating on a single PCI Express slot both digital and analog interfaces. This, coupled with the "Because it must work" quality and the Wanpipe®; high-end system diagnostics, drivers, and utilities for which Sangoma is known worldwide.

Please Note: This is a PCI Express Card. Please make sure your motherboard/server is compatible with this product.



## Sangoma B601DE Key Features

- 34 Simultaneous PSTN Calls (Per Interface Slot)
- Compatible with All Commercially Available Motherboards
- 5 year Warranty (With Product Registration)
- Hardware Echo Cancellation
- Hardware Fax Synching Support

Your customers can achieve optimum echo-cancelled voice quality and enhancement with telco-grade DSP Hardware Echo Cancellation. One DSP echo canceller on the B601D or B601DE voice card provides telco-grade hardware echo cancellation on all channels with no additional CPU load and minimal additional cost.

## Sangoma B601DE - Technical Specifications

### General Features

- 1 port of T1/E1/J1
- 4 ports of FXO and 1 Port of FXS
- Support for Asterisk®, FreeSWITCH®, Yate®, trixbox®, and PBX/IVR projects, as well as other Open Source and proprietary PBX, switch, IVR, and VoIP gateway

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applications

- Single synchronous PCI interface for all ports
- Dimensions: 2U Form factor (140 mm x 55 mm) for use in restricted chassis
- Includes both standard and short half-height compatible mounting clips for installation in 2U rack-mount servers
- 32-bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec for minimum host processor intervention
- Autosense compatibility with 5 V and 3.3 V PCI busses
- Fully PCI 2.2 compliant, compatible with all commercially available motherboards, and shares PCI interrupts
- Power: 3.6 W (0.3 A @ 12 V) and 1.65 W (0.5 A @ 3.3 V)
- Temperature range: 0 &ndash; 50 &deg;C
- Cables are included
- Single FXS Port designed for optimum fax support

DSP Echo Canceller

- G.168-2002 echo cancellation in the hardware
- 1024 taps/128 ms tail per channel on all channel densities
- DTMF decoding and tone recognition
- Voice quality enhancement: music protection, acoustic echo control and adaptive noise reduction
- No CPU load as a result of echo cancellation
- No additional slot is required

Operating Systems

- Linux
- Windows&reg;

Certifications

- FCC Part 15 Class A, and EN 55022/24 Class A
- Diagnostic Tools

WANPIPEMON&reg;, System logs

Cabling Overview

- B601 incorporates the 8-pin RJ45 and 4-pin RJ11/6 standard jacks

Production Quality

- ISO 9002
- Warranty

B-Series hardware comes with a standard 5-year warranty with product registration when purchased through an authorized Empowered by Sangoma representative.

**Price: £570.91**

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