B600

ANALOG VOICE CARD
4 FXO + 1 FXS
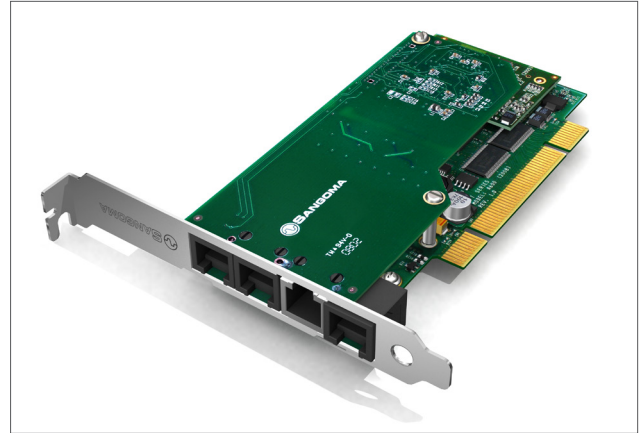
Introducing the Sangoma B-Series — now even cost-conscious customers can opt for Sangoma's premium audio and engineering quality by choosing the voice card designed specifically for smaller-budget installations.

For small, stable systems, when the modular design, singleslot expansion and port-customization power of Sangoma's A200 and A400 series is not required.

The Sangoma B600 voice cards deliver customers a substantial cost savings, coupled with the "because it must work" quality and the Wanpipe® high-end system diagnostics, drivers, and utilities for which Sangoma is known worldwide.

Your customers can achieve optimum echo-cancelled voice quality and enhancement by choosing models with Telco-Grade DSP Hardware Echo Cancellation. One DSP echo canceller on the B600D or B600DE voice card provides Telcograde hardware echo cancellation on all channels with no additional CPU load and minimal additional cost.

Model B601 PCI

TECHNICAL SPECIFICATIONS

- 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 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 – 50 °C

- Cables are included

- Supports Fax: Single FXS Port designed for optimum fax support

- Sangoma B600 cards synchronize perfectly with Sangoma's T1/E1 cards and the PSTN clock for error-free fax and modem passthrough over T1 lines

Optional: 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®

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Certifications

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

Diagnostic Tools

- WANPIPEMON®, System logs

Cabling Overview

- The B600 cards incorporate 4-pin RJ11/6 standard jacks
- For pinouts, see wiki.sangoma.com

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
- 30-day "no questions asked" return policy

ORDERING INFORMATION

Cables are included at no additional charge.

SKU	BUS	Digital Signal Processor	Cables
B600	PCI	None	1 Standard RJ11 2 Standard RJ11 Y-Cable Port Splitters
B600D	PCI	Hardware Echo Canceller	1 Standard RJ11 2 Standard RJ11 Y-Cable Port Splitters
B600E	PCIe	None	1 Standard RJ11 2 Standard RJ11 Y-Cable Port Splitters
B600DE	PCIe	Hardware Echo Canceller	1 Standard RJ11 2 Standard RJ11 Y-Cable Port Splitters

For more information on how to order, call toll free in North America **1 800 388 2475**, direct at **+1 905 474 1990** or email: **sales@sangoma.com**.

To become an authorized Empowered by Sangoma channel partner, please visit:
http://www.sangoma.com/ordering/become_a_partner.html

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Look for the Empowered by Sangoma Logo.