



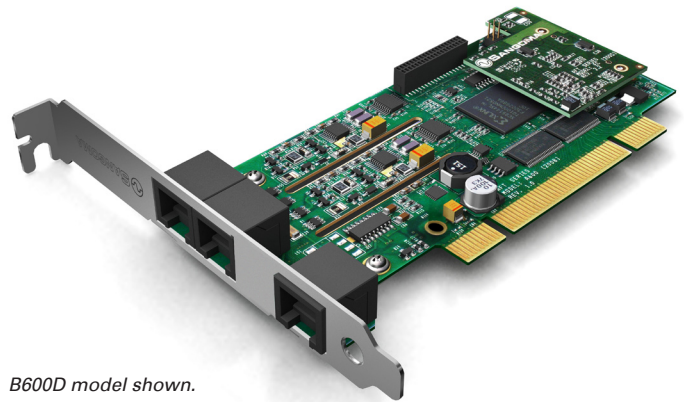
Sangoma Analog Voice Card

B600 4 Port FXO + 1 Port 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, single-slot 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 Telco-grade hardware echo cancellation on all channels with no additional CPU load and minimal additional cost.



B600D model shown.

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.

Because it must work!



Operating Systems

- Linux.

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 www.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	2 Standard RJ11 Y-Cable Port Splitters, 1 Standard RJ11
B600D	PCI	Hardware Echo Canceller	2 Standard RJ11 Y-Cable Port Splitters, 1 Standard RJ11
B600E	PCle	None	2 Standard RJ11 Y-Cable Port Splitters, 1 Standard RJ11
B600DE	PCle	Hardware Echo Canceller	2 Standard RJ11 Y-Cable Port Splitters, 1 Standard RJ11

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://partners.sangoma.com/apply>.

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