

## Sangoma 2 FXO PCIe Card with Echo Cancellation (A20001DE)



Product Name: Sangoma 2 FXO PCIe Card with Echo Cancellation (A20001DE)

Manufacturer: -

Model Number: A20001DE

Please Note: This product has been discontinued. Please see the Digium Asterisk Cards range for an alternative.

Sangoma 2 FXO PCIe Card with Echo Cancellation (A20001DE)

The Sangoma (A20001DE) is a 2 FXO PCIe card with echo cancellation, used to connect analog PSTN telco lines to your PBX. Scalable from 2-24 ports in a 2U form factor, per interface slot on the server. Simply add a Remora daughterboard to the base card to expand to up to 24 channels. Sangoma (A20001DE) Key Features

- 2-24 port scalable analog card of mixed FXO/FXS interfaces via 4-pin RJ11/4 narrow jacks
- Up to 24 simultaneous PSTN calls
- Available in PCI and PCI Express in 2U form factor
- Carrier-Grade hardware Echo Cancellation options
- Includes on-board diagnostic tool kit
- Supports most motherboards & servers
- Linux and Windows Supported
- Supports Asterisk, FreePBX, proprietary PBX, IVR and more
- Life time Warranty

The A200 and A400 provide error free faxing and modem calls using E1/T1 clock pass through feature when combined with Sangoma Digital A101-a116 E1/T1 card.

Sangoma (A20001DE) Technical Specification  
Interfaces

- Telephony Interfaces: - 2-24 ports of FXO/FXS (Scalable)- Up to 4 ports on base card
- PCI Interfaces: - PCI or PCI Express - Fully PCI 2.2 compliant, compatible with all commercially available motherboards, and shares PCI interrupts - Autosense compatibility with 5 V and 3.3 V PCI busses - Single synchronous PCI interface for all ports - 32 bit bus master DMA data exchanges across PCI interface at 132 Mbytes/sec for minimum host processor intervention

Features

- PBX Support: - FreePBX, PBXact, Asterisk, FreeSWITCH&hellip;etc.
- Operating System Support: - Windows 2003, Windows XP, Windows Server 2008, Windows Vista, Windows 7 - Linux (All versions, releases and distributions from 1.0 up)
- Server and Motherboard Support: - Compatible with most commercially available servers and motherboards
- DSP Echo Canceller \*Optional: - 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 - Does not increase the physical size of the card, and no additional slot is required
- Diagnostic Tools: - WANPIPEMON - SNMP - System logs
- Wiring Connections \*Cables Included: - 4-pin RJ11/4 narrow jacks - 4x 2m cables terminating in a narrow RJ11/4 plug at one end and a telephone-standard RJ11/6 plug at the other

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### Hardware

½ Certification: - FCC Part 15 Class A - FCC Part 68 - EN 55022 Class A - ISO 9002

½ Environmental: - Temperature range: 0 °C - 50 °C

½ Dimensions: - 2U form factor - 120mm x 55mm for use in restricted chassis

½ Mounting: - Includes both standard and short half-height compatible mounting clips for installation in 2U rack-mount servers- Compatible with all commercially available motherboards

½ Power Supply: - PCI: 3.75 W (0.75 A @ 5 V) + 4.2 W (0.35 A @ 12 V) per FXS module- PCI Express: 2.64 W (0.8 A @ 3.3 V) + 4.2 W (0.35 A @ 12 V) per FXS module

**Please Enquire**

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