

## Sangoma A500 BRI Card PCI (A500 BRM)



Product Name: Sangoma A500 BRI Card PCI (A500 BRM)

Manufacturer: -

Model Number: A500BRM

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

Sangoma A500 BRI Card PCI (A500 BRM)

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

[View PCI vs PCI-Express example](#)

Sangoma built its business by designing hardware that simply works, the first time. We have taken the time to ensure our BRI solution delivers.

The Sangoma A500 S/T BRI Interface Card delivers superior audio quality and scalability. Expand from two to twenty-four ports of BRI with optional Octasic®; Telco-grade, hardware echo cancellation.

A single PCI slot hosts the connection for up to 24 ports and ensures common synchronous clocking for all channels with no signaling issues. The card is 100% software configurable.

Finally, a BRI card that upholds Sangoma's high standards of quality in engineering and untiring product support.

### Architecture

The A500 consists of a Remora®; BRI daughterboard mounted on the AFT PCI card. The Remora®; BRI card has three sockets, each of which can accept an S/T BRI module.

One S/T BRI module has two S/T four wire interfaces, which support TE or NT modes of operation. Changing modes requires no jumpers simply invert the module.

Up to three additional Remora®; daughterboards can be mounted in empty slot positions beside the A500 assembly. These are connected to the A500 by a special backplane bus connector.

### Technical Specifications

• From 2 to 24 ports are supported. Mix TE and NT modes, as required. Changing modes requires no jumpers simply invert the colour-coded module.

• Supports Asterisk®, Yate®, FreeSwitch®, CallWeaver®, PBX/IVR projects, as well as other Open Source and proprietary PBX, Switch, IVR or VoIP gateway applications.

• Single synchronous PCI interface for all 24 BRI interfaces.

• Six ports per Remora™ card.

• Dimensions: 2U Form factor: 187mm x 55mm for use in restricted chassis.

• Short 2U compatible mounting clips included for installation in 2U rackmount servers and high quality, tested 2m 8-pin RJ45 port splitter cables included.

• 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, proper sharing of PCI interrupts.

• Intelligent hardware: Downloadable FPGA programming with multiple operating modes. Add new features related to voice and/or data when they become available.

• Power: 800mA peak, operational 300mA max at +3.3 V or 5 V.

• Temperature range: 0 - 50°C.

• Optimized DMA stream and hardware-level HDLC handling unload the host CPU.

• Raw bitstream interfaces can be used to support arbitrary non-standard line protocols, such

## Sangoma A500 BRI Card PCI (A500 BRM)

as non-byte aligned monosynch or bisynch.  
i<sub>2</sub> WANPIPE®; supports certified, field tested, and reliable Frame Relay, PPP, HDLC and X.25.

**Price: £222.70**

Options available for Sangoma A500 BRI Card PCI (A500 BRM) :

### Require Echo Cancellation?

No, Yes (+£123.00).

### Require a Slave Card?

- Not Required -, 1 x Slave Card (Plus 12 Channels) (+£98.00), 2 x Slave Card (Plus 24 Channels) (+£196.00), 3 x Slave Card (Plus 36 Channels) (+£294.00).

### BRI Modules Required?

- Not Required -, 1 x 2 Port BRI (4 Channels) (+£70.00), 2 x 2 Port BRI (8 Channels) (+£140.00), 3 x 2 Port BRI (12 Channels) (+£210.00), 4 x 2 Port BRI (16 Channels) (+£280.00), 5 x 2 Port BRI (20 Channels) (+£350.00), 6 x 2 Port BRI (24 Channels) (+£420.00), 7 x 2 Port BRI (28 Channels) (+£490.00), 8 x 2 Port BRI (32 Channels) (+£560.00), 9 x 2 Port BRI (36 Channels) (+£630.00), 10 x 2 Port BRI (40 Channels) (+£700.00), 11 x 2 Port BRI (44 Channels) (+£770.00), 12 x 2 Port BRI (48 Channels) (+£840.00).