Sangoma A500 BRI Card PCI Express (A500 BRME)



Product Name: Sangoma A500 BRI Card PCI Express (A500 BRME)
Manufacturer: -
Model Number: A500BRME

Please Note: This product has been discontinued. Please see the Digium Asterisk Cards.

Sangoma A500 BRI Card PCI Express (A500 BRME)
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 Express 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 Express 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

ï¿½ 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.
ï¿½ Supports Asterisk®, Yate©, FreeSwitch©, CallWeaver©, PBX/IVR projects, as well as other Open Source and proprietary PBX, Switch, IVR or VoIP gateway applications.
ï¿½ Single synchronous PCI Express interface for all 24 BRI interfaces.
ï¿½ Six ports per RemoraTM card.
ï¿½ Dimensions: 2U Form factor: 187mm x 55mm for use in restricted chassis.
ï¿½ Short 2U compatible mounting clips included for installation in 2U rackmount servers and high quality, tested 2m 8-pin RJ45 port splitter cables included.
ï¿½ 32 bit bus master DMA data exchanges across PCI Express interface at 132 Mbytes/sec for minimum host processor intervention.
ï¿½ Autosense compatibility with 5 V and 3.3 V PCI busses.
ï¿½ Fully PCI Express compliant, compatible with all commercially available motherboards, proper sharing of PCI Express interrupts.
ï¿½ Intelligent hardware: Downloadable FPGA programming with multiple operating modes. Add new features related to voice and/or data when they become available.
ï¿½ Power: 800mA peak, operational 300mA max at +3.3 V or 5 V.
ï¿½ Temperature range: 0 - 50°C.
ï¿½ Optimized DMA stream and hardware-level HDLC handling unload the host CPU.
ï¿½ Raw bitstream interfaces can be used to support arbitrary non-standard line protocols, such as non-byte aligned monosynch or bisynch.
ï¿½ WANPIPE® supports certified, field tested, and reliable Frame Relay, PPP, HDLC and X.25.

Sangoma A500 BRI Card PCI Express (A500 BRME)

Price: $281.29

Options available for Sangoma A500 BRI Card PCI Express (A500 BRME) :

Require Echo Cancellation?

No, Yes (+$155.36).

Require a Slave Card?

- Not Required -, 1 x Slave card (+12 Ports) (+$123.78), 2 x Slave card (+24 Ports) (+$247.57), 3 x Slave card (+36 Ports) (+$371.35).

BRI Modules Required?

- Not Required -, 1 x 2 Port BRI (4 Channels) (+$88.42), 2 x 2 Port BRI (8 Channels) (+$176.83), 3 x 2 Port BRI (12 Channels) (+$265.25), 4 x 2 Port BRI (16 Channels) (+$353.67), 5 x 2 Port BRI (20 Channels) (+$442.08), 6 x 2 Port BRI (24 Channels) (+$530.50), 7 x 2 Port BRI (28 Channels) (+$618.92), 8 x 2 Port BRI (32 Channels) (+$707.33), 9 x 2 Port BRI (36 Channels) (+$795.75), 10 x 2 Port BRI (40 Channels) (+$884.17), 11 x 2 Port BRI (44 Channels) (+$972.58), 12 x 2 Port BRI (48 Channels) (+$1,061.00).