

B500

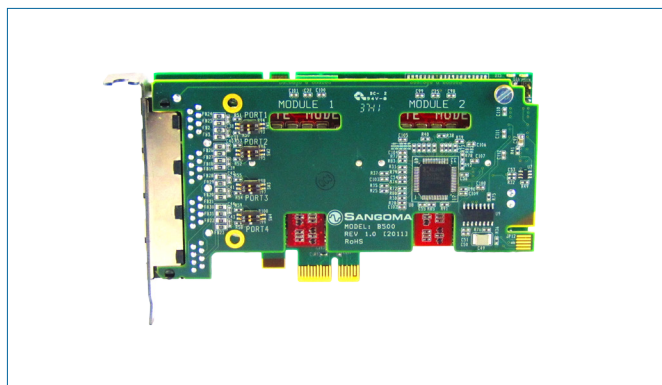
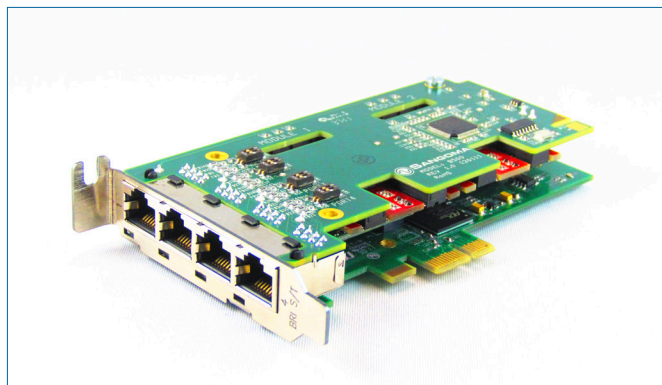
2-4 port S/T BRI

Newly redesigned and simplified, the Sangoma B500 S/T BRI interface board delivers superior audio quality and scalability. It expands from two to four ports of BRI, with optional telco-grade hardware echo cancellation.

A single PCI Express slot hosts the connection for up to 4 ports and ensures common synchronous clocking for all channels with no signalling issues.

The B500 consists of a Remora BRI daughterboard mounted on the AFT PCIe board. The Remora BRI card has 2 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.

The B500 has 4 RJ-45 ports, each port can handle one S/T four wire BRI interface with a single standard Cat-5e shielded twisted-pair cable.



Technical Specifications

- Supports 2 to 4 ports. Mix TE and NT modes, as required
- Support for Asterisk®, FreeSWITCH, as well as other Open Source and proprietary PBX, Switch, IVR and VoIP gateway applications
- Fully PCI Express compliant, compatible with all commercially available motherboards, proper sharing of PCI interrupts
- Dimensions: Length – 120mm; Height – 2U
- Intelligent hardware: Field-upgradable firmware to add new features related to voice/data as they become available
- Power: 800 mA peak, operational 300 mA @ +3.3V or 5V
- Temperature range: 0–50 Celcius
- Optimized DMA stream and hardware-level HDLC handling unloads the host CPU
- Raw bitstream interfaces can be used to support arbitrary non-standard line protocols, such as non-byte aligned monosynch and bisynch

- WANPIPE supports certified, field tested and reliable Frame Relay, PPP, HDLC and X.25

Operating Systems

- Windows® 2003, Windows® XP, Windows® Server 2008, Windows® Vista, Windows® 7
- LINUX (all versions, releases and distributions from 1.0 up)

Certification

- Telecom: TBR3, AS/ACIF S031, NewsLetter 125
- EMC: FCC Part 15 Subpart B Class A, EN55022, EN55024
- Safety: IEC 60950, CB scheme

Diagnostic Tools

WANPIPEMON, SNMP, System Logs

Warranty

5-Year warranty on parts and labour.
Plus a 30-day no questions asked return policy.

Production Quality

ISO 9002

Ordering Information

SKU	Description
B500D	PCle (no echo cancellation, no module)
B500DE	PCle + Echo Cancellation (no module)
B501E	1 Module – 2 BRI Ports – 4 B-Channel PCle
B501DE	1 Module – 2 BRI Ports – 4 B-Channel PCle + Echo Cancellation
B502E	2 Modules – 4 BRI Ports – 8 B-Channel PCle
B502DE	2 Modules – 4 BRI Ports – 8 B-Channel PCle + Echo Cancellation
B500MODULE	BRI Module only
CBL-650	7-Foot Twisted Pair Cable for B500

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