

Astribank™ Channel Bank for Asterisk® Data Sheet

Astribank is a USB channel bank especially designed for Asterisk Open Source PBX systems

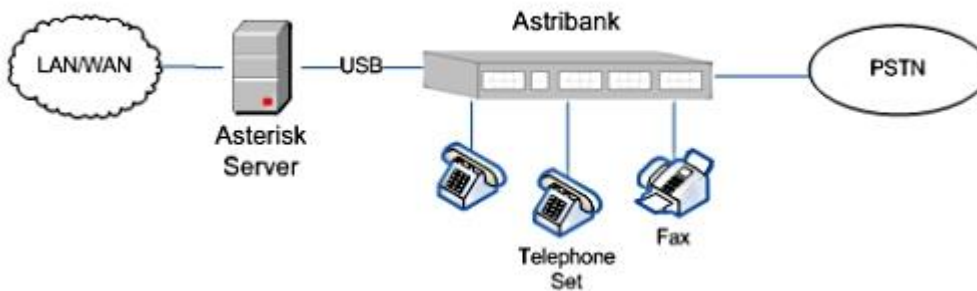
Astribank USB channel bank extends the functionality of Asterisk-based IPX systems.

Astribank connects to the Asterisk IP-PBX server via USB 2.0, thus

eliminating the need for an intermediating PCI (the solution used by other channel banks). [Click here to see a comparison between Astribank and legacy channel banks.](#)

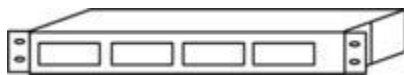


Architecture



Mechanical Design

The internal design of Astribank is modular, offering a wide variety of FXS, FXO, BRI ISDN and I/O port combinations. [Click here to see a table of available port combinations.](#) Use our [product configurator wizard](#) to design the best telephony system to match your requirements.



Astribank Rack Mount



Astribank Wall Mount

Multiple Astribank units may be connected to a single Asterisk server using different USB 2.0 ports, a USB 2.0 hub or USB 2.0 PCI card.

Telephony

Maximum number of built-in analog ports	32
Maximum number of E1 / T1 ports	16
Maximum number of BRI ISDN ports	8
Maximum number of telephony modules	4
Maximum number of telephony ports	480
<u>Supported Xorcom telephony modules</u>	<ul style="list-style-type: none"> • 8 FXS ports • 8 FXS ports + I/O ports • 8 FXO ports • 2 FXO ports, 6 FXS ports + I/O ports • PRI/R2/CAS supporting up to 16 ports • BRI ISDN supporting up to 8 ports



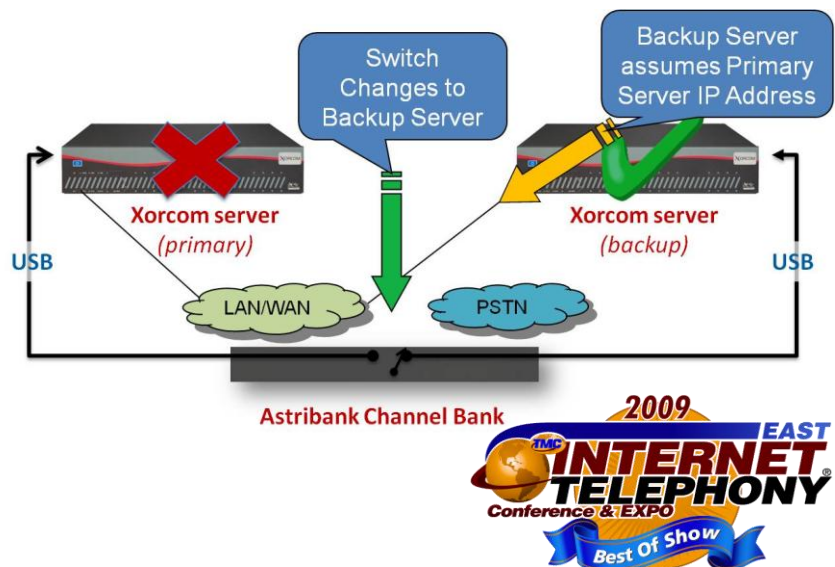
Specifications may change without prior notice.

Software

Astrbank's driver has been included as an official part of Zaptel (now DAHDI) since release 1.2.4 (Feb. 2006), making Astrbank integral with Asterisk systems. Today Astrbank is tested with Debian, CentOS 5.

TwinStar™ - Full and Automatic PBX Redundancy

This optional high availability solution for Asterisk-based PBX systems provides automatic detection of server failure and immediate switching of all telephony functions, including telephony interfaces, to a back-up server within seconds. All Astrbank models are capable of supporting TwinStar functionality, which is activated via software license. [See our Web site for more information.](#)



The Astrbank channel bank, using its dual-USB port feature, connects to both the primary and the backup server. Its firmware mechanism constantly checks the status of the server, and reverts all telephony to the back-up server in case of primary server failure.