



Astribank vs. Channel Banks

Category/Feature	Astribank	Channel Bank	Comments
General			
Specifically designed for Asterisk®	✓	✗	
Direct connection to Asterisk server	✓	✗	Astribank does not require a PRI card or LAN connection.
Support for all telephony modules: FXS FXO BRI PRI R2 CAS	✓	✗	
Support for mixed analog/digital	✓	✗	
High density E1/T1	✓	✗	Astribank supports up to 16 E1/T1
Non-intrusive installation	✓	✗	Astribank uses the USB port
Automatic one-step configuration	✓	✗	Astribank is a single device while channel banks force you to enter all extension credentials, which doubles programming time
Easy maintenance	✓	✗	Channel bank solution requires two devices, including PCI installation vs. hot pluggable USB
Drivers are included in standard Asterisk	✓	✗	Astribank is a native Asterisk appliance
Support for up to 32 analog ports	✓	✗	
Physical Dimensions			
Supplied in small form factor	✓	✗	Astribank chassis is 19" 1U
Density per unit height	32	12	Typical channel bank supports 24 ports in 2U
Weight	3 Lbs	12 Lbs	
Unique Features			
Input ports	✓	✗	Astribank supports inputs from auxiliary systems, such as alarms
Output ports	✓	✗	Astribank supports activation of auxiliary devices, like gates

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High Volume			
Call density per PC connection	USB 2.0 ultra high bandwidth	24 ports for each PRI	Astribank's single USB 2.0 port supports over 3,000 calls
Cabinet space for 1,000 ports	32 U (4.72 feet)	84 U (12.4 feet)	Typical channel bank solution requires 42 PRI ports (i.e., 42 PCI busses)!
Maintainability and High Availability			
Independent hot-pluggable unit	✓	✗	Astribank is USB plug-and-play.
Hassle-free maintenance	✓	✗	No PRI card required for Astribank. No need to shut down and/or disassemble Asterisk server for maintenance.
Redundant power supply	✓	✗	Complementary multiple power supply device provides redundant power for up to 16 Astribanks.
Front panel maintenance and tapping ports	✓	✗	Astribank provides clear status LED for each channel.

For more information about this comparison and/or Xorcom products in general, please contact us using the details below.

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