

XR2000 Asterisk® IP-PBX Data Sheet

The XR2000 is an Intel-Celeron® based Asterisk® IP PBX with PSTN / telephone ports. The XR2000 features trixbox CE® or Elastix™ Asterisk distribution with various combinations of telephony ports. The device may be equipped with up to 32 analog ports, up to eight BRI ISDN ports, and/or a single PRI/R2/CAS ISDN E1/T1 port. The XR2000 supports up to 160 PSTN / Analog phones ports with external Astribank units, up to 300 users and up to 60* concurrent calls with an echo canceller and 120 concurrent calls without an echo canceller.



[To see the different XR2000 configurations on our Web site click here.](#)

Features

- User friendly Web Interface
- Interface in Different Languages
- Unlimited Extensions
- CDR (Call Details Record) via Web access
- TDM/SIP/IAX Trunks
- Remote Extensions
- Voicemail
- Fax Support
- Voicemail to Email
- IVR Menu System
- Ring Groups
- Call Queues
- Conference Rooms
- Follow-Me
- Time-Based Routing
- Advanced Dialing Rules
- Music-On-Hold
- Paging and Intercom
- Web Access to Voicemail
- Admin Status Screen
- Package Manager (for easy updates)
- Network Settings Tool
- Phone Provisioning Tool
- Echo Cancellation - OSLEC (Open Source Line Echo Cancelation)

Software

Asterisk version	1.4x (trixbox CE, Elastix)
Linux version	CentOS 5.x
GUI	FreePBX
Rapid Tunneling™	Utility providing secure remote access for product support purposes
TwinStar™ (optional)	High availability solution for complete Asterisk-based systems (requires two identical base units and an Astribank device).

Hardware

Processor	Intel Celeron 1.2 GHz
RAM	1 GB
Hard disk	80 GB 2.5"
RAID1 (optional)	Dual hard drive for increased system reliability
USB	2 external USB 2.0
I/O Ports (optional and model-specific)	Input/Output ports for Asterisk peripheral device support
Rapid PA™ (optional and model-specific)	Public Address capability for FXS port(s)


Telephony

Maximum number of concurrent calls	60
Maximum number of built-in analog ports	32 (additional ports with external Astribank units)
Number of E1 / T1 ports	4 (up to 120 concurrent PRI/R2/CAS calls)
Maximum telephony modules supported internally	4 (additional Astribank ports are supported by adding Astribank units)
Maximum number of telephony ports supported internally	54 (E1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules	<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 • 1 PRI/R2/CAS port • Up to 8 BRI ISDN ports

Network

Ethernet port - standard	10/100 MHz
Ethernet port - additional	10/100/1000 MHz (factory-installed)

Power

Power supply	Internal
Voltage	Switching, auto adjust 110/220 Volts, 50/60 Hz
Power consumption	230 Watts (maximum)
Built in grounding connection	

Maintenance and Support

- Monitor and keyboard support
- [Rapid Recovery™](#) backup utility provided on Disk-on-Key (includes [Live Rescue™](#) utility for creating bootable USB Disk-on-Key for disaster recovery)
- [Rapid Tunneling™](#) utility providing secure remote access for product support purposes
- Internet updates

Environment

Storage temperature	-20° to 70° Celsius (-4° -158° F)
Working temperature	0° to 40° Celsius (32° -104° F)
Humidity	20%-95%, non condensing

Dimensions and Weight

Weight	8 Kg 18Lbs (weight depends on configuration)
Size	19" 2U industry standard rack-mountable chassis

Specifications may change without prior notice.

* Depends on codec used; see load test results published on our Web site: <http://www.xorcom.com/load-tests/load-test-results-xr2000.html>

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