

XE2000 IP-PBX Data Sheet

The XE2000 is an Intel Atom® based Asterisk® IP PBX with PSTN / telephone ports. The XE2000 features Elastix™ Asterisk distribution and 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 XE2000 supports up to 160 PSTN / Analog phones ports with external Astribank units, up to 200 users and up to 85 concurrent calls.

[To see the different XE2000 configurations on our Web site click here.](#)

Features

- User friendly Web Interface
- Interface in Different Languages
- 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	11.x (Elastix 2.4x)
Linux version	CentOS 5.x
GUI	FreePBX
Security	Intrusion protection software; firewall protection
<u>Rapid Tunneling™</u>	Utility providing secure remote access for product support purposes
<u>TwinStar™</u> (optional)	High availability solution for complete Asterisk-based systems (requires two identical base units and an Astribank device).


Hardware

Processor	Intel Atom D2500, Dual Core, 1.86GHz
RAM	2 GB
Hard disk	From 320GB 2.5" (optional upgrade to 500GB)
RAID1	Dual hard drive for increased system reliability
Fan	3 redundant fans
Echo Cancellation Module	Voice enhancement & echo cancellation (optional)
Analog Lines Fail-over Kit	In case of power outage or an Asterisk malfunction, up to six analog PSTN lines are routed directly to predetermined analog extensions (optional and model-specific)
USB	4 external USB 2.0
I/O Ports	Input/Output ports for Asterisk peripheral device support (optional and model-specific)
Rapid PA™	Public Address capability for FXS port(s) (optional and model-specific)

Telephony

Maximum number of concurrent calls	85 (SIP only); 45 (PRI + FXS)
Maximum number of built-in analog ports	32 (additional ports with external Astribank units)
Number of E1 / T1 ports	1 (up to 30 concurrent PRI/R2/CAS calls)
Maximum telephony modules supported internally	4 (additional Astribank ports are supported by adding Astribank units)
Maximum no. of telephony ports supported internally	54 (E1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules  Elastix Hardware Certified	<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 • 6 FXO ports, 2 FXS ports • 1 PRI/R2/CAS port • Up to 8 BRI ISDN ports

Power

Power supply	Internal
Voltage	Switching, auto adjust 100/240 Volts, 50/60 Hz
Power consumption	230 Watts (maximum)
Built in grounding connection	

Network

Ethernet ports	2x 10/100/1000 Mb/s
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Maintenance and Support

- LCD (Liquid Crystal Display) touch panel, supporting:
 - ◆ Status of active systems, including:
 - all configured IP addresses
 - TwinStar™ (dual-server redundancy)
 - Redundant Power Supply (when configured)
 - Blink ports (extensions, channels, XPD and SPAN)
 - Active calls
 - ◆ Maintenance issues, including:
 - Asterisk restart
 - DAHDI restart
 - Server reboot
 - Server power off
 - ◆ Settings, including:
 - Enable/disable DHCP
 - Manual IP configuration
- Monitor and keyboard support
- Internal backup & restore utility
- External [Rapid Recovery™](#) backup utility (provided on disk-on-key - optional)
- [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.

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