

## 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

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


## Hardware

Processor	Intel Atom D2500, Dual Core, 1.86GHz
RAM	2 GB
Hard disk	From 320GB 2.5" (optional upgrade to 500GB)
<a href="#">RAID1</a>	Dual hard drive for increased system reliability
Fan	3 redundant fans
<a href="#">Echo Cancellation Module</a>	Voice enhancement & echo cancellation (optional)
<a href="#">Analog Lines Fail-over Kit</a>	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
<a href="#">I/O Ports</a>	Input/Output ports for Asterisk peripheral device support (optional and model-specific)
<a href="#">Rapid PA™</a>	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)
<a href="#">Supported Xorcom telephony modules</a>  <a href="#">Elastix Hardware Certified</a>	<ul style="list-style-type: none"> <li>• 8 FXS ports</li> <li>• 8 FXS ports + I/O ports</li> <li>• 8 FXO ports</li> <li>• 2 FXO ports, 6 FXS ports + I/O ports</li> <li>• 6 FXO ports, 2 FXS ports</li> <li>• 1 PRI/R2/CAS port</li> <li>• Up to 8 BRI ISDN ports</li> </ul>

## 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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