

## XE3000 Asterisk® IP-PBX Data Sheet

The XE3000 is a heavy-duty, stand-alone, pre-configured, out-of-the-box Asterisk IP PBX featuring Elastix™ Asterisk distribution. The XE3000 may be equipped with up to 32 analog ports, up to eight BRI ISDN ports, and up to 4 E1/T1 PRI, T1 CAS or E1 R2 ports in a single, 19" 2U chassis. Additional PSTN/analog phone ports can be provided by connecting up to 24 external [Astribank](#) units via the USB2 ports, for a total of up to 800 PSTN/analog phones ports, up to 1000 users and up to 550 concurrent calls.



[To see the different XE3000 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><a href="#">Rapid Tunneling™</a></b>	Utility providing secure remote access for product support purposes
<b><a href="#">TwinStar™</a> (optional)</b>	High availability solution for complete Asterisk-based systems (requires two identical base units and an <a href="#">Astribank</a> device).


## Hardware

Processor	Intel i3 2120 (3.3GHz, 2 Cores, 3MB cache)
RAM	4GB
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	2 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	550 (SIP only); 480 (PRI + FXS)
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 ports are supported by adding Astribanks)
Maximum number of telephony ports supported internally	144 (4xE1 PRI/R2/CAS + 24 analog ports)
<a href="#">Supported Xorcom telephony modules</a>  <a href="#">Elastix Certified Hardware</a>	<ul style="list-style-type: none"> <li>• 8 ports FXS</li> <li>• 8 port FXS + I/O ports</li> <li>• 8 ports FXO</li> <li>• 2 ports FXO, 6 ports FXS + I/O ports</li> <li>• 6 FXO ports, 2 FXS ports</li> <li>• Up to 4 ports PRI/R2/CAS</li> <li>• Up to 8 ports BRI ISDN</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 port - standard	10/100/1000 Mb/s (x2)
--------------------------	-----------------------

## 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 (in Blue Steel models, or when using the external RPS unit for Atribanks)
    - 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)
- [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	4.7 Kg 10.3Lbs (weight may vary and depends on configuration)
Size	19" 2U industry standard rack-mountable chassis
Dimensions	44 x 36.3 x 9 cm (17.3 x 14.3 x 3.5")

*Specifications may change without prior notice.*

Asterisk is a registered trademark of Digium, Inc. Elastix is a trademark of PaloSanto Solutions. All other trademarks are the property of their respective owners.