

CXE3000 Enterprise-Grade CompletePBX Telephony System

The CXE3000 is a heavy-duty, stand-alone, pre-configured, out-of-the-box featuring Xorcom's CompletePBX distribution. The CXE3000 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 480 concurrent calls.



[To see the different CXE3000 configurations on our Web site click here.](#)

Features

- Unlimited extensions, voicemail boxes, hunt groups, call center groups, and auto attendants (IVRs)
- Basic built-in call center with call recording, barge and whisper
- Emergency notification module
- Endpoint manager
- User-friendly Web interface
- Interface in different languages
- CDR (Call Details Record)
- TDM/SIP/IAX trunks
- Remote extensions
- Voicemail
- Voicemail to email
- Web access to voicemail
- Fax support
- Fax to email
- IVR menu system
- Ring groups
- Call queues
- Conference rooms
- Find me / Follow me
- Time-based routing
- Advanced dialing rules
- Music-on-hold
- Paging and intercom
- Admin status screen
- Package manager (for easy updates)
- Network settings tool
- Echo cancellation - OSLEC


Software

Asterisk version	Xorcom's CompletePBX version 3.x
Linux version	CentOS 6.2
GUI	Based on FreePBX (base version: 2.10)
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 <u>Astribank</u> device).


Hardware

Processor	Intel i3 2120 (3.3GHz, 2 Cores, 3MB cache)
RAM	4GB
Hard disk	From 250GB 2.5" (optional upgrade to 500GB)
<u>RAID1</u>	Dual hard drive for increased system reliability
Fan	3 redundant fans
<u>Echo Cancellation Module</u>	Voice enhancement & echo cancellation (optional)
<u>Analog Lines Fail-over Kit</u>	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
<u>I/O Ports</u>	Input/Output ports for Asterisk peripheral device support (optional and model-specific)
<u>Rapid PA™</u>	Public Address capability for FXS port(s) (optional and model-specific)

Telephony

Maximum number of concurrent calls	480
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)
Supported Xorcom telephony modules  Elastix Certified Hardware	<ul style="list-style-type: none"> • 8 ports FXS • 8 port FXS + I/O ports • 8 ports FXO • 2 ports FXO, 6 ports FXS + I/O ports • 6 FXO ports, 2 FXS ports • Up to 4 ports PRI/R2/CAS • Up to 8 ports BRI ISDN

Power

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

Network

Ethernet port - standard	10/100/1000 Mb/s (x2)
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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)
- [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 may vary and depends on configuration)
Size	19" 2U industry standard rack-mountable chassis

Specifications may change without prior notice.