

CXE2000 CompletePBX Telephony System for SMB

The CXE2000 is an Intel Atom® with PSTN / telephone ports. The CXE2000 features Xorcom's CompletePBX 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 CXE2000 supports up to 160 PSTN / Analog phones ports with external Atribank units, up to 200 users and up to 45 concurrent calls.



[To see the different CXE2000 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

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|--|--|
| Processor | Intel Atom D2500, Dual Core, 1.86GHz |
| RAM | 2 GB |
| 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

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|---|--|
| Maximum number of concurrent calls | 45 |
| 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) |
| <u>Supported Xorcom telephony modules</u>  <i>Elastix Hardware Certified</i> | <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

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

Network

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|----------------|---------------------|
| Ethernet ports | 2x 10/100/1000 Mb/s |
|----------------|---------------------|

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

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|--------|---|
| 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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