

CXE3000 Enterprise-Grade CompletePBX Telephony System Data Sheet

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 550 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
- VmX Locator
- Time-based routing
- Advanced dialing rules
- Music-on-hold
- Paging and intercom
- Admin status screen
- Package manager (for easy updates)
- Network settings tool

Software

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|---|---|
| Software version | Xorcom's CompletePBX version 4.x |
| Linux version | CentOS 6.5 |
| GUI | Based on FreePBX (base version: 2.11) |
| Security | Intrusion protection software; firewall protection |
| Rapid Tunneling™ | Utility providing secure remote access for product support purposes |
| TwinStar™ (optional) | High availability solution for complete Asterisk-based systems (requires two identical base units and an Astribank device). |


Hardware

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|--|--|
| Processor | Intel i3 2120 (3.3GHz, 2 Cores, 3MB cache) |
| RAM | 4GB |
| 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

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|--|--|
| 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) |
| Max. telephony modules supported internally | 4 (add'l 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 | <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

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

Network

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|--------------------------|-----------------------|
| 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 (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

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|---------------------|-----------------------------------|
| 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 18 Lbs (weight may vary and depends on configuration) |
| Size | 19" 2U industry standard rack-mountable chassis |

Specifications may change without prior notice.