CXE2000 CompletePBX Telephony System for SMB

The CXE2000 is based on Intel Atom® with PSTN / telephone ports. The CXE2000 features Xorcom CompletePBX 5 management interface, 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 Astribank units, up to 200 users, and up to 85 concurrent calls.

To see the different CXE2000 configurations on our Web site click here.

Features

- Unlimited voicemail boxes, hunt groups, call center groups, and auto attendants (IVRs)
- Basic built-in call center with call recording, barge and whisper
- Hot-desking
- Sophisticated Classes of Service for enhanced security
- 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
- 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

Software

Management Interface	Xorcom CompletePBX 5 (64-bit)
Linux version	CentOS 7
Framework	Asterisk 13
Security	Intrusion protection software, firewall protection
TwinStar Plus™ (optional)	High availability solution for CompletePBX systems

Hardware

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

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)
Max. no. of telephony ports supported internally	54 (E1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules	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

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

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 Astribanks)
    - 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)
- 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	4.3 Kg 9.5 lbs (may vary, depending 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.