CXR3000 Enterprise-Grade CompletePBX Telephony System

The CXR3000 is a heavy-duty, stand-alone, pre-configured, out-of-the-box, featuring Xorcom's CompletePBX distribution. The CXR3000 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 325 concurrent calls.

 To see the different CXR3000 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

Software version	Xorcom's CompletePBX version 4.x (64-bit)
Linux version	CentOS 6.6
GUI	Based on FreePBX (base version: 2.11)
Security	Intrusion protection software; firewall protection. CompleteSBC session border controller demo version is built-in. Full functionality for this option is license-activated.

Rapid Tunneling™	Utility providing secure remote access for product support purposes

Hardware

Processor	Intel CPU G850
RAM	4 GB
Hard disk	From 320GB 2.5" (500GB optional)
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	2 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	325 (SIP only); 300 (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 Astribank ports are supported by adding Astribank units)
Maximum number of telephony ports supported internally	144 (4xE1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules	8 ports FXS 8 port FXS + I/O ports 8 ports FXO 2 ports FXO, 6 ports FXS + I/O ports 6 ports FXO, 2 ports FXS - Up to 4 ports PRI/R2/CAS - Up to 8 ports BRI ISDN

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	2x 10/100/1000 Mb/s

Maintenance and Support

- Monitor and keyboard support
- 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

Weight	4.4 Kg 9.7Lbs (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.