

Xorcom CXE2000 IP PBX with CompletePBX - 24 FXO, 2U Case (CXE2021)



Product Name: Xorcom CXE2000 IP PBX with CompletePBX - 24 FXO, 2U Case (CXE2021)

Manufacturer: Xorcom

Model Number: CXE2021

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The Xorcom CXE2021 is a stand-alone system which has 24 FXO ports in a single, 19" 2U chassis. Additional PSTN / Analog phone ports can be provided by connecting external Astribank units via the USB2 ports, for a total of up to 160 PSTN / Analog phones ports, up to 200 users and up to 45 concurrent calls.

Xorcom CXE2021 Key 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

The robust Xorcom CXE2021 comes standard with a dual hard drive (RAID1), redundant fans for cooling, internal backup and restore, front panel USB access, and two Ethernet ports to allow separation of IP voice and data traffic for improved voice quality and increased throughput. A multi-function LCD (Liquid Crystal Display) on the CXE2021 allows the system administrator to perform several of the most common functions directly on the front panel of the IP-PBX without having to attach a keyboard and monitor. The touch panel uses a text-based menu tree to facilitate monitoring, maintenance and troubleshooting of the entire telephony system. Also available with the CXE2021 is the Xorcom Rapid Recovery™ backup utility, provided on Disk-on-Key. CXE2000 units with an FXS module support Xorcom Rapid PA to provide public address functionality to Asterisk installations, and are also offered with I/O ports to support a wide array of peripheral devices.

Xorcom CXE2021 - Technical Specifications

Software

- Asterisk distribution Xorcom CompletePBX version 3.x
- Asterisk version 1.8x
- Linux version CentOS 6.2
- GUI Based on FreePBX (base version: 2.10)
- Security Intrusion prevention software; firewall protection
- Rapid Tunneling™ Utility providing remote access for product support purposes

Hardware

- Processor Intel Atom D2500, Dual Core, 1.86GHz
- RAM 2 GB
- Hard disk From 250GB 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)
- USB 2 external USB 2.0
- Analog Lines Fail-over In case of power outage or an Asterisk malfunction, up to six analog PSTN lines are routed directly to predetermined analog extensions.
- I/O Ports Input/Output ports for Asterisk peripheral device support (model-specific)

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- Rapid PA™ Public Address capability for FXS port(s) (optional and model-specific)

Telephony

- Maximum number of concurrent calls 45 *Depends on codec used
- 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 ports are supported by adding Astribank units)
- Maximum number of telephony ports supported internally 54 (1x E1 PRI/R2/CAS + 24 analog ports)
- Supported 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
 - 1 E1 / T1 PRI/R2/CAS port
 - Up to 8 BRI ISDN ports

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 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
 - Rapid Tunneling™ utility providing secure remote access for product support purposes
 - Internet updates

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Environment

- Storage temperature -20° to 70° Celsius (-4° to 158° F)
- Working temperature 0° to 40° Celsius (32° to 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

Price: £2,580.30
