1-30 Users Phone Systems

Feature/Model	Spark CXS1000	CXR1000	CompletePBX VM Software PBX Virtual Machine
Max. capacity (users)	30	30	up to 5000 users, licensed per amount of extensions
Max. concurrent calls (SIP only)	30	55	Based on resources
Max. concurrent calls (PRI + FXS)	10	10	-
Max. analog ports (FXS, FXO)	16	16	via gateway
Max. digital ports:			
BRI ISDN	8	8	via gateway
E1/T1 PRI, E1 R2, T1 CAS	1/2**	✗	via gateway
Ethernet ports	1 x 100 mb	1 x 1 GB	-
Mass storage	8 GB	16 GB	-
Rapid Recovery	✗	✓	VM snapshot
Internal backup and restore	✗	✗	VM snapshot
Power supply	External	External	-
Size	9"	19" 1U	-
Software	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX VM, available for VMware, Hyper-V and Oracle VirtualBox

30-200 Users Phone Systems

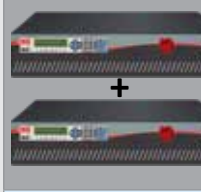| Feature/Model	CXR2000	CXE2000	CompletePBX VM Software PBX Virtual Machine
Max. capacity (users)	200	200	up to 5000 users, licensed per amount of extensions
Max. concurrent calls (SIP only)	85	85	Based on resources
Max. concurrent calls (PRI + FXS)	45	45	-
Max. analog ports (FXS, FXO)	160	160	via gateway
Max. digital ports:			
BRI ISDN	16	16	via gateway
E1/T1 PRI, E1 R2, T1 CAS	1	1	via gateway
Ethernet ports	1 x 1 GB	2-3 x 1 GB	-
Mass storage	320GB/1T/250GB SSD	320GB/1T/250GB SSD	-
RAID1 (2 HDDs)	✗	✓	-
Hardware Echo Cancellation	optional	optional	-
Analog Line Failover	optional	optional	-
Rapid Recovery	✓	✓	VM snapshot
Internal backup and restore	✗	✓	VM snapshot
Power supply notification	✗	✓	-
Front panel LCD and keypad	✗	✓	-
Front panel USB access	✗	✓	-
Power supply	Internal	Internal	-
Size	19" 2U	19" 2U	-
Fan redundancy	✗	✓	-
Software	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX VM, available for VMware, Hyper-V and Oracle VirtualBox

200-1,500 Users Phone Systems

Feature/Model	CXR3000	CXE3000	Blue Steel CXT3000	Blue Steel CXT4000	CompletePBX VM Software PBX Virtual Machine
Max. capacity (users)	1000	1000	1000	1500	up to 5000 users, licensed per amount of extensions
Max. concurrent calls (SIP only)	325	550	550	880	Based on resources
Max. concurrent calls (PRI + FXS)	300	480	480	750	-
Max. analog ports (FXS, FXO)	800	800	800	960	via gateway
Max. digital ports:					
BRI ISDN	16	16	16	16	via gateway
E1/T1 PRI, E1 R2, T1 CAS	8	16	16	24	via gateway
Ethernet ports	2-3 x 1 GB	2-3 x 1 GB	2-3 x 1 GB	2-3 x 1 GB	-
Mass storage	320GB/1T/250GB SSD	320GB/1T/250GB SSD	320GB/1T/250GB SSD	1T/250GB SSD	-
Hot Swappable Disks	✗	✗	✓	✓	-
RAID1 (2 HDDs)	✗	✓	✓	✓	-
Intelligent Platform Mgmt Interface (IPMI)	✓	✓	✓	✓	-
Hardware Echo Cancellation	optional	optional	✗	✗	-
Analog Line Failover	optional	optional	✗	✗	-
Rapid Recovery	✓	✓	✓	✓	VM snapshot
Internal backup and restore	✗	✓	✓	✓	VM snapshot
Power supply notification	✗	✓	✓	✓	-
Front panel LCD and keypad	✗	✓	✓	✓	-
Front panel USB access	✗	✓	✓	✓	-
Power supply	Internal	Internal	Internal	Internal	-
Hot swappable power supply	✗	✗	✗	✓	-
Size	19" 2U	19" 2U	19" 2U	19" 2U	-
Fan redundancy	✗	✓	✓	✓	-
Astribank power feed	✗	✗	✓	✓	-
Software	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX VM, available for VMware, Hyper-V and Oracle VirtualBox

High Availability Phone Systems

Feature/Model	CTS2000	CTS3000	Blue Steel CXTS3000	Blue Steel CXTS4000	CompletePBX VM Software PBX Virtual Machine
Max. capacity (users)	200	1000	1000	1500	up to 5000 users, licensed per amount of extensions
Max. concurrent calls (SIP only)	85	550	550	880	Based on resources
Max. concurrent calls (PRI + FXS)	45	480	480	750	-
Max. analog ports (FXS, FXO)	160	800	800	960	via gateway
Max. digital ports:					
BRI ISDN	16	16	16	16	via gateway
E1/T1 PRI, E1 R2, T1 CAS	1	16	16	24	via gateway
Ethernet ports	2-3 x 1 GB	2-3 x 1 GB	2-3 x 1 GB	2-3 x 1 GB	-
High Availability	✓	✓	✓	✓	-
Failover for all telephony ports - Analog, digital and IP	✓	✓	✓	✓	-
Mass storage	320GB/1T/250GB SSD	320GB/1T/250GB SSD	320GB/1T/250GB SSD	1T/250GB SSD	-
Hot Swappable Disks	✗	✗	✓	✓	-
RAID1 (2 HDDs)	✓	✓	✓	✓	-
Intelligent Platform Mgmt Interface (IPMI)	✗	✓	✓	✓	-
Hardware Echo Cancellation	optional	optional	optional	optional	-
Analog Line Failover	optional	optional	✗	✗	-
Rapid Recovery	✓	✓	✓	✓	VM snapshot
Internal backup and restore	✓	✓	✓	✓	VM snapshot
Power supply notification	✓	✓	✓	✓	-
Front panel LCD and keypad	✓	✓	✓	✓	-
Front panel USB access	✓	✓	✓	✓	-
Power supply	Internal	Internal	Internal	Internal	-
Hot swappable power supply	✗	✗	✓	✓	-
Size	2 x 19" 2U	2 x 19" 2U	2 x 19" 2U	2 x 19" 2U	-
Fan redundancy	✓	✓	✓	✓	-
Astribank power feed	✗	✗	✓	✓	-
Software	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX5 software, free upgrade under warranty	CompletePBX VM, available for VMware, Hyper-V and Oracle VirtualBox

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Small Office | Multi-site | VoIP + Legacy Hybrid System | Call Center | Hotel PBX | Virtual PBX | Conference Bridge | Call Recording System | Enterprise PBX | High Availability Phone System

Standard Features in CompletePBX

Call Features
- 3-way conference
- Auto-Redial / Camp on
- Boss/Secretary + Whitelist
- Call back
- Call forward (busy, no answer, unconditional)
- Call parking
- Call pickup
- Call Transfer (blind, attended)
- DISA (Direct Inward System Access)
- DND (Do Not Disturb)
- Find me / Follow me
- Caller ID
  - Customization (incoming/outgoing)
  - Display
  - Lookup
  - Blocking
  - Routing
  - Screening
  - On Call Waiting
- CDR (Call Details Record)
- Corporate phone books
- Direct Inward Dial Numbers (DIDs)
- Inbound/Outbound fax support
- Message Waiting Indicator (MWI)
- Paging & Intercom
- Short-code dialing
- Speed Dial
- Video calls
- Voicemail
- Voicemail-to-email
- Voicemail broadcast
- Wake-up Calls / Reminders
- Personal recording / notes
- Direct trunk to trunk connection

Security
- Authorization codes
- Built-in firewall
- Call encryption (SIP TLS, sRTP)
- Call Permission Management
- Intrusion detection and blocking
- Limiting or blocking of outbound calls
- Password strength indicator
- PIN-protected outbound calls
- User permission management
- Secure password auto-generation
- Time based restrictions
- Weak password report

Call Center
- Agent logn in/log out
- Barge
- Call monitoring
- Call queues
- Call recording
- Caller Name Lookup
- CDR (Call Details Record)
- Click-to-call
- Chat
- Conferencing (on-the-fly)
- Customer account codes
- Hot-desking
- Hunting groups
- Instant messaging/chat*
- IVR / Auto-attendants
- Listen to agent
- Pick-up groups
- Presence (agent status)
- Queue priorities
- Queue VIP list
- Ring group strategies
- Reporting
- Time-based routing
- Visual switchboard
- Whisper to agent

Administration
- Announcements
- Backup & Restore
- Blacklist
- CLI Access (via GUI)
- Disaster Recovery
- Dashboard
- IP phone provisioning
- Email notifications
- Extension roaming
- Extensions status management
- Feature codes management
- Global search
- High-availability (TwinStar)
- Hotel PMS integration (Complete Concierge)
- Import & Export extensions
- Language support
- Log file viewer
- Music on hold
- Network settings tool
- Night modes
- Notifications
- PBX status reports
- Pickup groups

Telephony Interfaces
- PRI, BRI ISDN, FXO, FXS
- SIP phones & devices
- Soft phones, smartphones, tablets
- TDM/SIP/IAX trunks
- TDM-VoIP gateway

- Pre-defined user roles
- Remote administration
- Storage monitoring
- System-wide speed dial
- Time Conditions
- User-friendly Web interface
- User PIN code
- VMware compatible
- Hyper-V compatible

Unified Communications
- Audio conferencing
- Call recordings access
- Corporate phone book
- Fax-to-email
- Fax from web
- Instant messaging/chat
- One number reach
- Multiple devices per user
- Switchboard
- Personal call log
- Personal extension settings
- Presence
- Personal IVR
- Voicemail to e-mail
- Visual voicemail
- User portal: access to voicemail, fax, and recordings

Economy
- Advanced dialing rules
- Built-in expansion options:
  - extensions
  - voicemail boxes
  - hunt groups
  - call center groups
  - auto attendants (IVRs)
- Class of Service
- Cell phone integration
- DUNDI (Peer Lookup)
- Least Cost Routing
- PSTN or Digital Failover
- Remote extensions
- Shared voice/fax line
- Voice conference bridges

CompletePBX Virtual Machine

Xorcom CompletePBX VM (virtual machine) lets you run your PBX from general-purpose servers, in-house or in a data-center, to provide maximum flexibility. CompletePBX VM may be easily scaled or moved, supports snapshot backups and is hardware agnostic.

CompletePBX VM is compatible with VMware (ESXi and workstation), Microsoft Hyper-V and Oracle VirtualBox.

As CompletePBX VM is a fully integrated virtual machine, no installation is required. The Linux operating system is an integral part of the virtual machine to ensure 100% compatibility and security.

CompletePBX VM supports TwinStar high-availability.

Microsoft Hyper-v

vmware

About Xorcom

Xorcom designs and manufactures phone systems since 2004. Using the solid Linux and Asterisk platforms in its CompletePBX OS, Xorcom provides solutions that are powerful, user friendly, highly secure and stable.

Xorcom award winning products are trusted by banks, government agencies, private corporations, public companies and small businesses in over 100 countries.

Installed in **100+** countries

XPP Technology by XORCOM

XORCOM

PM0010.22

XORCOM COMPLETE PBX
Business Telephony Solutions

CompletePBX Phone System
Secure. Solid. Friendly.

CompletePBX is the heart of Xorcom hardware and software phone systems.

Built on top of the solid Linux and Asterisk platforms, it's built for stability and performance. CompletePBX was designed from the ground up to combine ease of use, advanced features and security at every level.

Easy to Use
Day to day management of the phone system doesn't need to be complicated or require hours of specialist work. We have invested a lot of work so that you don't have to.

Virtual or Physical, On premise or Cloud
Your PBX, your way. Prefer a fully integrated solution or virtual machine? On-premise or in a data center? CompletePBX provides full flexibility for your organization.

VoIP, Legacy, Hybrid
CompletePBX offers a smooth and easy migration path by allowing the use of legacy telephony interfaces alongside VoIP in a completely transparent way.

Security at Every Level
We take security seriously. In the age of VoIP a non-secure phone system might cost the owner well over it's price if hacked or abused. CompletePBX offers several layers of security so that you can make the most of your phone system in full confidence.