Spark (CXS1000) CompletePBX Telephony Solution Data Sheet

The CXS1000 is a stand-alone telephony solution featuring Xorcom's CompletePBX distribution and supporting various combinations of telephony ports. Spark provides up to 16 E1 R2 / T1 CAS PRI channels, up to 16 PSTN/analog phones ports, up to 8 BRI ISDN channels, and up to 30 concurrent SIP calls.

To see the different CXS1000 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
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Software

Management Interface	Xorcom CompletePBX (ARM edition)
Linux version	Debian 8
Framework	Asterisk 13
Security	Intrusion protection software, firewall protection, password strength indicator, class-of-service, dialing rules, modern Linux tools

Hardware

Processor	900MHz quad-core ARM Cortex-A7 CPU
Micro SD (flash memory)	8 GB (optional upgrade to 32 GB)
RAM	1 GB
USB	2 external USB 2.0
Video	HDMI
I/O Ports (optional and model-specific)	Input/Output ports for Asterisk peripheral device support
Rapid PA™ (optional and model-specific)	Public Address capability for FXS port(s)

Telephony

Maximum number of concurrent calls	30 (SIP only); 16 (PRI / BRI / FXS)
Maximum number of built in analog ports	16
Maximum telephony modules supported	2
Supported Xorcom telephony modules	- PRI (½ port - up to 16 channels) 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 8 BRI ISDN ports

Network

Ethernet port (10/100 Mb)

Maintenance and Support

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

Power

Power supply	12 VDC desktop
Voltage	Switching, auto adjust 100/240 Volts, 50/60 Hz
Power consumption	Maximum 36 Watts (depends on number and usage of FXS ports)
Built in grounding connection	✅

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	2 Kg to 2.4 Kg (4.4 – 5.3 lbs) (May vary, depending on configuration)
Size	Desktop chassis

Specifications may change without prior notice.