

## 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 extensions, voicemail boxes, hunt groups, call center groups, and auto attendants (IVRs)
- Basic built-in call center with 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

<b>Software distribution</b>	Xorcom's CompletePBX version 4.5 (ARM edition)
<b>Linux version</b>	Debian 8.x
<b>GUI</b>	Based on FreePBX (base version: 2.11)
<b>Security</b>	Intrusion protection software; firewall protection.
<b><u>Rapid Tunneling™</u></b>	Utility providing remote access for product support purposes

## Hardware

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

## Telephony

<b>Maximum number of concurrent calls</b>	30 (SIP only); 16 (PRI / BRI / FXS)
<b>Maximum number of built in analog ports</b>	16
<b>Maximum telephony modules supported</b>	2
<b><u>Supported Xorcom telephony modules</u></b>	<ul style="list-style-type: none"> <li>• PRI (½ port - up to 16 channels)</li> <li>• 8 ports FXS</li> <li>• 8 port FXS + I/O ports</li> <li>• 8 ports FXO</li> <li>• 2 ports FXO, 6 ports FXS + I/O ports</li> <li>• 6 ports FXO, 2 ports FXS</li> <li>• Up to 8 BRI ISDN ports</li> </ul>


## 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

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

## Environment

<b>Storage temperature</b>	-20° to 70° Celsius (-4° -158° F)
<b>Working temperature</b>	0° to 40° Celsius (32° -104° F)
<b>Humidity</b>	20%-95%, non-condensing

## Dimensions and Weight

<b>Weight</b>	2 Kg to 2.4 Kg (4.4 - 5.3 Lbs) (weight depends on configuration)
<b>Size</b>	Desktop chassis

*Specifications may change without prior notice.*