

## 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.*