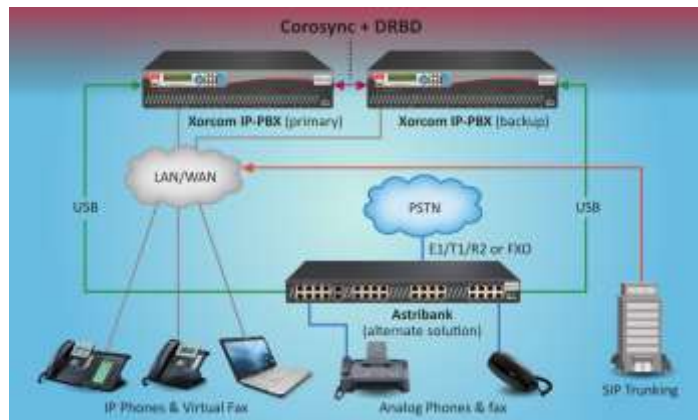# CTS2000 Enterprise-Grade CompletePBX TwinStar Plus Telephony System Data Sheet

Overview

The CTS2000 TwinStar Plus configuration is a bundled product, comprised of two module-less servers, based on the Xorcom CXE2000 series IP-PBX, that have been optimized for use as a failover system. Both servers are connected via Ethernet (and optionally, via USB 2.0 to an Astribank).

TwinStar Plus provides full redundancy for a complete PBX system, including telephony interfaces (if required). It can also be used in a pure SIP environment. A sophisticated automatic replication and detection mechanism detects server failure and

CTS2000 - TwinStar Plus configuration featuring dual CXE2000 servers including optional Astribank.

switches all telephony to the backup server, keeping downtime to an absolute minimum.

Technical Specification (each server)

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   •

Software

Management Interface	Xorcom CompletePBX 5 (64-bit)
Linux version	CentOS 7
Framework	Asterisk 13
Security	Intrusion protection software, firewall protection

Hardware

Processor	Intel Atom D2500, Dual Core, 1.86GHz
RAM	2GB
Hard disk	2 x 250 GB SSD/ 500 GB SSD
RAID1	Dual hard drive for increased system reliability
Fan	3 redundant fans
USB	2 external, USB 2.0

Power

Power supply	Internal
Voltage	Switching, auto adjust 100/240 Volts, 50/60 Hz
Power consumption	230 Watts (maximum)
Built in grounding connection	✅

Network

Ethernet port - standard	10/100/1000 Mb/s (x2). Note: One of these ports is required for connecting the two TwinStar Plus servers to each other.

Maintenance and Support

- LCD (Liquid Crystal Display) touch panel, supporting:
  - ♦ Status of active systems, including:
    - All configured IP addresses
    - TwinStar Plus™ (dual-server redundancy)
    - Redundant Power Supply (when using the external RPS unit for Astribanks)
    - 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

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	4.7 Kg, 10.3 lbs
Size	19" 2U industry standard rack-mountable chassis
Dimensions	44 x 36.3 x 9 cm (17.3 x 14.3 x 3.5")

Specifications may change without prior notice.