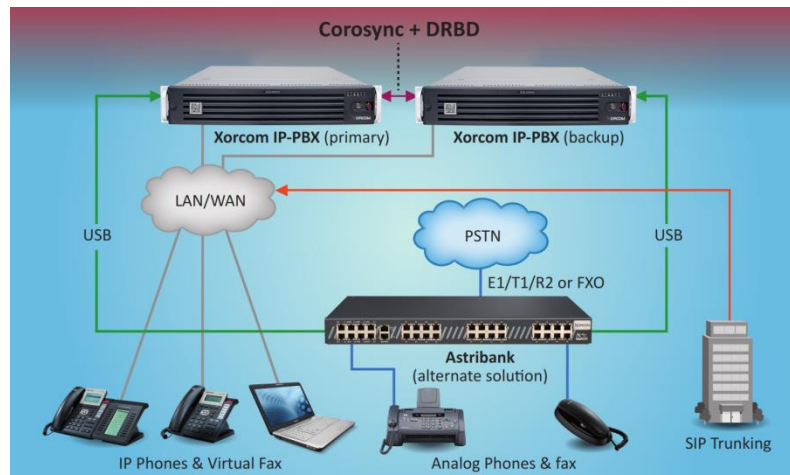


## CTS4000 Heavy Duty CompletePBX TwinStar Plus Telephony Solution Data Sheet

### Overview

The TwinStar Plus CTS4000 configuration is a bundled product, comprised of two module-less servers, based on the Xorcom CXE4000 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 Atribank).

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



*CTS4000 - TwinStar Plus configuration featuring dual CXE4000 servers, with optional Atribank included.*

### Technical Specification (each server)

#### Features

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

Software version	Xorcom's CompletePBX version 4.x (64-bit)
Linux version	CentOS 6.6
GUI	Based on FreePBX (base version: 2.11)
Security	Intrusion protection software; firewall protection. Optional <a href="#">CompleteSBC</a> session border controller software can be installed on a stand-alone server and integrated into the TwinStar Plus configuration.
<a href="#">Rapid Tunneling™</a>	Utility providing secure remote access for product support purposes

## Hardware

Processor	Intel Xeon E3-1225V2 (4 cores, 3.2 GHz)
RAM	8GB RAM (upgradeable to 16 GB)
Hard disk	2x hot-swappable Hitachi 1TB SATA disks (upgradeable to 4 disks)
RAID Controller	Adaptec 6405 RAID controller with Flash Module Zero-Maintenance Cache Protection Kit (AFM 600)
IPMI	Intelligent Platform Management Interface (IPMI) v.2
USB	2 external USB 2.0 ports

## Power

Power supply	Internal (hot-swappable)
Voltage	Switching, auto adjust 110/220/240 Volts, 50/60 Hz
Power consumption	200 Watts (maximum)

## Network

Ethernet port	10/100/1000 Mb/s (x2). Note: One of these ports is required for connecting the two TwinStar Plus servers to each other.
Dedicated IPMI Ethernet port	10/100/1000 Mb/s (x1)

## Environment

Storage temperature	-40° to 60° Celsius (-40° to -140° F)
Working temperature	5° to 35° Celsius (41° to -95° F)
Humidity	8%-90%, non-condensing

## Dimensions and Weight

Weight	35 Kg (77 Lbs)
Size	19" 2U industry standard rack-mountable chassis

Specifications may change without prior notice.