"Blue Steel 4000" Enterprise-Grade CompletePBX Telephony System Data Sheet

The Blue Steel 4000 (CXT4000) is a heavy-duty, stand-alone, pre-configured, out-of-the-box featuring Xorcom's CompletePBX distribution. The CXT4000 features an Intel Xeon Processor E3-1225V2 8M cache (3.20GHz), hot swappable disk drives, and two built-in redundant power supplies supporting up to four Astribank units. The CXT4000 may be equipped with up to 32 analog ports, up to eight BRI ISDN ports, and up to 4 E1/T1 PRI, T1 CAS or E1 R2 ports in a single, 19" 2U chassis. Additional PSTN/analog phone ports can be provided by connecting external Astribank units via the USB2 ports to support up to 960 PSTN/analog phones ports, up to 24 E1 R2 / T1 PRI ports, up to 1500 users and up to 880 concurrent calls.

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. CompleteSBC session border controller demo version is built-in. Full functionality for this option is license-activated.
Rapid Tunneling™	Utility providing secure remote access for product support purposes
TwinStar Plus™	High availability solution for CompletePBX systems (optional)

Hardware

Processor	Intel Xeon Processor E3-1225V2 8M cache (3.20GHz)
RAM	8GB
Hard disk	Two hot swappable 1TB 2.5"
IPMI	Intelligent Platform Management Interface (IPMI) v.2
RAID1	Dual hard drive for increased system reliability
Fan	3 redundant fans
Echo Cancellation Module	Voice enhancement & echo cancellation (optional)
USB	2 external USB 2.0
I/O Ports	Input/Output ports for Asterisk peripheral device support (optional and model-specific)
Rapid PA™	Public Address capability for FXS port(s) - (optional and model-specific)

Telephony

Maximum number of concurrent calls	880 (SIP only); 750 (PRI + FXS)
Maximum number of built in analog ports	32 (additional ports with external Astribank units)
Number of E1 / T1 ports	4 (up to 120 concurrent PRI/R2/CAS calls)
Max. telephony modules supported internally	4 (add'l ports are supported by adding Astribanks)
Maximum number of telephony ports supported internally	144 (4xE1 PRI/R2/CAS + 24 analog ports)
Supported Xorcom telephony modules	• 8 ports FXS • 8 port FXS + I/O ports • 8 ports FXO • 2 ports FXO, 6 ports FXS + I/O ports • 6 FXO ports, 2 FXS ports • Up to 4 ports PRI/R2/CAS • Up to 8 ports BRI ISDN

Power

Power supply	Two internal, redundant, hot-swappable units
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)

Maintenance and Support

- LCD (Liquid Crystal Display) touch panel, supporting:
  - ♦ Status of active systems, including:
    - All configured IP addresses
    - TwinStar™ (dual-server redundancy)
    - Redundant Power Supply (when configured)
    - 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	7 Kg 15.4 Lbs (weight may vary and depends on configuration)
Size	19" 2U industry standard rack-mountable chassis
Dimensions	44 x 44 x 9 cm (17.3 x 17.3 x 3.5")

Specifications may change without prior notice.