

XE2000 IP-PBX Data Sheet

The XE2000 is an Intel Atom® based Asterisk® IP PBX with PSTN / telephone ports. The XE2000 features Elastix™ Asterisk distribution and may be equipped with up to 32 analog ports, up to eight BRI ISDN ports, and/or a single PRI/R2/CAS ISDN E1/T1 port. The XE2000 supports up to 160 PSTN / Analog phones ports with external Astribank units, up to 200 users and up to 45 concurrent calls.



[To see the different XE2000 configurations on our Web site click here.](#)

Features

- User friendly Web Interface
- Interface in Different Languages
- CDR (Call Details Record) via Web access
- TDM/SIP/IAX Trunks
- Remote Extensions
- Voicemail
- Fax Support
- Voicemail 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
- Web Access to Voicemail
- Admin Status Screen
- Package Manager (for easy updates)
- Network Settings Tool
- Phone Provisioning Tool
- Echo Cancellation - OSLEC (Open Source Line Echo Cancelation)


Software

| | |
|---|---|
| Asterisk version | 1.4x/1.6x (Elastix) |
| Linux version | CentOS 5.x |
| GUI | FreePBX |
| Rapid Tunneling™ | Utility providing secure remote access for product support purposes |
| TwinStar™ (optional) | High availability solution for complete Asterisk-based systems (requires two identical base units and an Astribank device). |

Hardware

| | |
|---|---|
| Processor | Intel Atom D525 Dual Core 1.8 GHz |
| RAM | 1 GB |
| Hard disk | From 250GB 2.5" (optional upgrade to 500GB) |
| 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 (optional and model-specific) | Input/Output ports for Asterisk peripheral device support |
| Rapid PA™ (optional and model-specific) | Public Address capability for FXS port(s) |


Telephony

| | |
|--|--|
| Maximum number of concurrent calls | 45 |
| Maximum number of built-in analog ports | 32 (additional ports with external Astribank units) |
| Number of E1 / T1 ports | 1 (up to 30 concurrent PRI/R2/CAS calls) |
| Maximum telephony modules supported internally | 4 (additional Astribank ports are supported by adding Astribank units) |
| Maximum number of telephony ports supported internally | 54 (E1 PRI/R2/CAS + 24 analog ports) |
| Supported Xorcom telephony modules  <i>Elastix Hardware Certified</i> | <ul style="list-style-type: none"> • 8 FXS ports • 8 FXS ports + I/O ports • 8 FXO ports • 2 FXO ports, 6 FXS ports + I/O ports • 1 PRI/R2/CAS port • Up to 8 BRI ISDN ports |

Network

| | |
|----------------|--------------------------------|
| Ethernet ports | 10/100 Mb/s + 10/100/1000 Mb/s |
|----------------|--------------------------------|

Power

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|-------------------------------|---|
| Power supply | Internal |
| Voltage | Switching, auto adjust 110/220 Volts, 50/60 Hz |
| Power consumption | 230 Watts (maximum) |
| Built in grounding connection |  |

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 - optional)
- [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 | 8 Kg 18Lbs (weight depends on configuration) |
| Size | 19" 2U industry standard rack-mountable chassis |

Specifications may change without prior notice.