

OpenVox IX160P Series IP PBX

Product Name: OpenVox IX160P Series IP PBX



Manufacturer: OpenVox

Model Number: IX160P

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The OpenVox IX160P is a standard 19" 1U high-performance PBX solutions. Designed and rigorously tested for optimal performance, this appliance allows users to integrate up to 2 pieces of OpenVox PCI-E telephony interface cards, with any combinations of FXS/FXO, BRI, E1/T1/J1 or transcoding interfaces. The IX160P adds support for motherboards to provide more powerful performance and can handle up to 2000 concurrent calls and thousands of user extensions. In addition, IX160P can integrate a variety of high-definition audio/video codecs, bringing users a high-fidelity, high-definition audio/video call experience.

OpenVox IX160P Key Features

- A standard 19" 1U IP PBX
- Intel® i5
- Up to 2000 concurrent calls
- Optional Pre-loaded Free Open Source IPPBX System
- Combination of FXS/FXO, BRI, E1/T1/J1 Interface
- PRI/SS7/R2 to SIP Gateway
- PRI/SS7/R2/BRI/FXS/FXO Signaling Converter
- PRI/SS7/R2 TDMoE Gateway
- Flexible Applications Selection (IPPBX or Firewall)
- Zero Touch IP Phones Auto-Provisioning
- User Control Panel

The IX160P supports comprehensive protocol conversion, including SIP, IAX2 protocols in IP side and BRI, PRI, SS7, R2 in CPE side. Taking the full advantages of open source platform, the IX160P will be preloaded with OpenVox UC system, Issabel, FreePBX, VitalPBX, PBX in a Flash, Elastix®; IPPBX software. The default pre-installed OpenVox UC system makes the deployment, configuration, and use of a PBX system ever easier. Getting started is a breeze with a user-friendly GUI. Powerful IX devices allow enterprises to grow while minimizing communication costs.

OpenVox IX160P is a risk-free solution with built-in Redundant Power Supply (RPS) and Uninterruptible Power Supply (UPS) that keeps your system and data away from damage or lost caused by unexpected power failure. The optional hardware RAID 1 support provides better data backup for your system. When RAID1 is installed, thus users can see the status of the storage devices and be alerted when hard drive(HDD/SSD) is crashed, then simply replace a backup hard drive ASAP.

OpenVox IX160P Technical Specifications

General

- Max Analog Ports: 48
- Max BRI Ports: 8
- Max E1/T1/J1 Ports: 16
- Recommended User Capacity: 1200 Users
- Max Concurrent Calls*:- 2000 Concurrent Calls with G.711 Codec- 1000 Concurrent Calls with G.729 Codec
- Recommended Call Capacity: 450 Calls
- Protocol: SIP (RFC3261), IAX2
- Transport Protocol: UDP, TCP, TLS, SRTP
- Codec: G711 (alaw/ulaw), G722, G723.1 G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264
- DTMF: In-band, RFC2833, SIP INFO

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- IP Services: Static IP, DHCP, VPN, Firewall, PPPoE, Bridge
- Firewall: Yes
- T.38 Fax: Yes
- CPU: Intel®; i5
- RAM: Up to 32GB DDR4 2400
- Storage: MSATA SSD and 2.5 inch SATA HDD
- RAID: Yes (Optional)
- Mini PCI-E: 2
- NIC: 2* 10/100/1000M
- UPS: Yes (Optional)
- Power Supply: 100-240V AC
- Redundant Power Supply: Yes (Optional)
- Display: HDMI
- LCD Display: No
- USB: 2 USB3.0
- Power Consumption: 60W(Maximum)
- Operating Temperature: 0°C to 50 °C
- Storage Temperature: -40 °C ~ 125 °C
- Humidity: 10 ~ 90% NON-CONDENSING
- Dimension: 440*370*66.7mm
- Net Weight: 4.13kg
- Warranty: 2 Years

*Maximum number of calls tested under laboratory conditions

Combination Options

Users can choose two module accessories to customise

- A400E/A(E)810E/A(E)1610E/A(E)2410E
- B(E)200E/B(E)400E
- D(E)130E/D(E)230E/D(E)430E/D(E)830E/D(E) 1630E

Except A400E, all compatible cards can be applied together with EC module. IX160/160P supports combination of two cards for example:

- A(E)1610E + B(E)400E
- D(E)430E + B(E)400E
- D(E)430E+A(E)2410E
- D(E)430E + A(E)1610E
- A(E)810E + A(E)810E

Features

- G.711(a-law μ-law), G.722, OPUS, AMR-NB/WB, SILK, G723.1, G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264, VP8, etc.
- Support SIP & IAX2
- Echo canceller
- Simple and Convenient Configuration via Web GUI
- User Portal
- Extension User Privileges
- System Administrators Monitor
- Event Notification
- Support Backup/Restore
- Remote Management

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- Hot Standby
- System resource monitoring
- Network configuration
- Support VLAN
- Support Static Route
- DHCP server for dynamic IP
- Support Fail2ban
- Secure communications (SRTP & TLS encryption)
- Support Multiple VPN protocols including OpenVPN, L2TP, N2N, SSTP
- Import/Export Extensions
- Support SIP Forking
- Call Transfer/Forwarding/Waiting
- Follow-Me (Find me calling)/Ring Group/Queue
- Quickly Auto Provision IP Phones
- Support IMS VoLTE
- Flexible Inbound/Outbound Route
- Call Blacklisting
- Support international call restrictions
- AutoCLIP
- Time Condition
- PIN List
- Automated Attendant (IVR)
- Phonebook
- LDAP Service
- DISA (Direct Inward System Access)
- Conference bridge/service
- Call Back
- Call Parking
- Paging and Intercom
- Speed Dials
- Call Recording
- Customizable announcements
- Music On Hold
- Support Open API Protocol (based on Asterisk)
- Click2call
- WebPhone
- Access Control Interface based on ACL
- AI TTS
- Support for video calls and presence
- SIP Instant Messaging
- Voicemail
- Missed Calls Notification
- Remote SMTP Email Server
- Antispam support
- Support Mail Relay
- Fax to Email
- Hotel & Wakeup Service
- Call Detail Records (CDR)
- Billing Report

Price: £1,376.20

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