

BEST COST EFFECTIVE
VoIP Solution



OpenVox



OpenVox IX240 Datasheet

OpenVox IX240 is a standard 19" 1.5U appliance. It 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.

With intel Quad Core processors, IX240 IPPBX can easily handle 600 concurrent calls and up to 1000 users. To bring you clear, high fidelity and high definition audio/video calls, IX240 can easily integrate with abundant HD voice and video codecs.

The IX240 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 IX240 will be preloaded with Elastix®, Issabel, Ombutel, PBX in a Flash, FreePBX IPPBX software.

Typical Applications

- 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)

Safety and Reliability

IX240 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 HDD is crashed, then simply replace a backup HDD ASAP.

Combination Options

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

Except A400E, all compatible cards can be applied together with EC module.

IX240 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

- G711 (alaw/ulaw), G722, G723.1, G726, G729, GSM, ADPCM, iLBC, H263, H263P, H264
- SIP and IAX2 support
- Incoming and outgoing routes
- Support paging and intercom
- Web-based operator panel
- DISA (Direct Inward System Access)
- Call detail record (CDR) report
- Billing and consumption report
- Call recording
- Voicemail
- Conference
- Echo canceller
- Call parking
- Callback support
- Call queues
- Support PIN sets, time conditions
- Channel usage report
- Flexible and configurable IVR
- Mail server with multi-domain support
- Based in Postfix for high email volume
- Remote SMTP Module
- Web based email client
- Antispam support
- Support mail relay
- Email list management
- Fax to email application
- Fax visor with downloaded PDFs
- Can be integrated with Winprint Hylafax
- Fax send through Web Interface
- Fax to email customization
- Access control for fax client
- Network configurator
- Configurable server date, time and timezone
- DHCP server for dynamic IP
- Access control to the interface based on ACLs
- VoIP provider configuration
- Support follow-me, ring group, video-phones

Specifications

IX240

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|------------------------|--|
| Max Analog Ports | 48 |
| Max BRI Ports | 8 |
| Max E1/T1/J1 Ports | 8 |
| Users | Unlimited |
| Max VoIP Trunks | Unlimited |
| Max Concurrent Calls | 600 Concurrent Calls with G.711 Codec, 200 Concurrent Calls with G.729 Codec |
| 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 |
| IP Services | Static IP, DHCP, VPN, Firewall, PPPoE, Bridge |
| Firewall | Yes |
| T.38 Fax | Yes |
| CPU | 1.83GHz Intel(R) Celeron(R) N2930 |
| RAM | Up to 8GB DDR3L 1333 |
| Storage | MSATA SSD and 2.5 or 3.5 inch SATA HDD |
| RAID | Yes (Optional) |
| Mini PCI-E | 1 |
| NIC | 2* 10/100/1000M |
| UPS | Yes (Optional) |
| Power Supply | 100-240V AC |
| Redundant Power Supply | Yes (Optional) |
| Display | VGA |
| LCD Display | Yes |
| USB | 2 |
| Power Consumption | ~7.5W (Minimum Power Dissipation) |
| 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 | 3.75Kg |
| Warranty | 2 Years |