IX132 Datasheet



- ✓ Optional Pre-loaded Free Open Source IPPBX System
- ✓ Combination of FXS/FXO, BRI, E1/T1, GSM Interface
- ✓ PRI/SS7 to SIP Gateway
- ✓ PRI/SS7/FXS/FXO/BRI Signaling Converter
- ✓ PRI/SS7 TDMoE Gateway
- ✓ Flexible Applications Selection (IPPBX or Firewall)
- ✓ Up to 4 Simultaneous GSM Calls

Overview

OpenVox IX132 is a standard 19" 1U appliance. It allows users to integrate up to 2 pieces of OpenVox PCI-E telephony interface cards, with any combinations of analog, BRI, PRI, GSM or transcoding interfaces. The optional hardware RAID 1 support provides better data backup for your system. The optional HDD case provides the possibility for hot plug function to the storage device. When RAID1 is installed, thus users can see the status of the storage devices from a GUI and then simply replace a backup HDD whenever needed without opening the appliance. What's more, the IX132 provides two flexible ways of power supply: internal and external and it's up to you to select one of them to power up the IX132.

The IX132 supports comprehensive protocol processing, including SIP, H.323 protocols in IP side and BRI, PRI, SS7, GSM and some protocols transcoding in CPE. Taking the full advantages of open source platform, the IX132 will be preloaded with Elastix®, PBX in a FlashTM, FreePBX or trixbox® IPPBX software.

3 -Month "No Questions Asked" Return Policy
Two Year Warranty

Combination Options

- A400E/(E)810E/(E)1610E
- B100E/(E)200E/(E)400E
- D(E)130E/(E)230E/430E
- G400/410E

Except A400E,B100E, G400E and G410E, all compatible cards can be applied together with EC module.

IX132 supports combination of two cards, for example:

- A(E)1610E + B(E)400E
- D(E)430E + B(E)400E
- D(E)430E + A(E)1610E
- A(E)810E + A(E)810E
- G400E + G400E

Features

- Advanced Dialing Rules
- Blacklist
- Call Detail Records (CDR)
- Caller ID
- Call Waiting
- Fax Support
- SIP/IAX trunk & PSTN connectivity
- Firewall
- Follow me
- IVR Menu System
- Music on Hold
- Music on Transfer
- Ring Group Call Queues
- Three-way Calling
- Voicemail

Specifications

Technical Specifications

- VoIP
- SIP
- H.323
- Audio Codecs:
  G.711(alaw/ulaw) (64kbps)
  G.729a(8kbs)
  G.723.1(5.3/6.4 kbps)
- UP to 300 VoIP channels

Physical Specifications

- **Size**: 44cm × 4.5cm × 30cm
- **Weight**: 5200g (Telephony cards not included)
- **Interface**: 1 VGA interface
  2 USB
  2 10/100/1000M RJ45 ports
- **Alternative Power**:
  Input: 100-240VAC 1.8A , 50/60Hz
  Output: 12VDC, 4A

Environments

- **Temperature**: 0 ~ 50°C (Operation)
  - 40 ~ 125°C (Storage)
- **Humidity**: 10 ~ 90% NON-CONDENSING

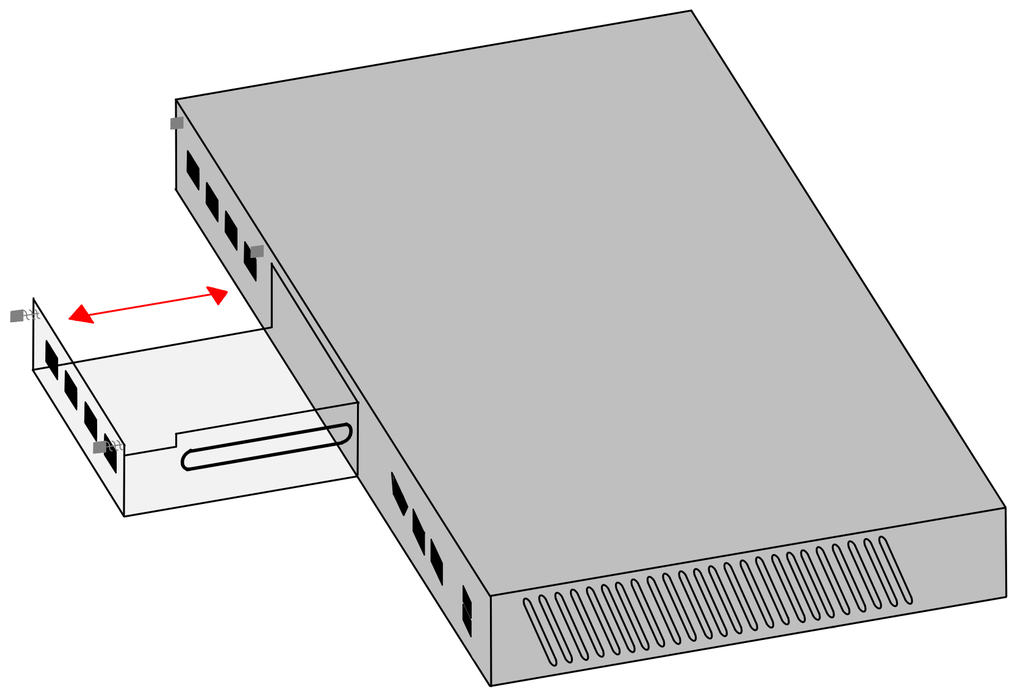
Motherboard Main Features

- Powerful Intel Atom D2000/N2000 series Processor up to 1.86 GHz
- 1MB L2 cache, 64-bit instruction
- PCIe x4 Golden Finger
- Up to 2 Ethernet channels
- Up to 1 Mini PCIe sockets for wife cards
- Up to 4 GB DDR3 SDRAM
- 16Mbit flash for AMI BIOS
- 1VGA port (DB15) for display interface
- Header for LPC bus (use for flash recovery or I/O expansion)
- Low EMI Emission level and high Electro Magnetic susceptibility
- Voltage range :12V DC supply through DC jack

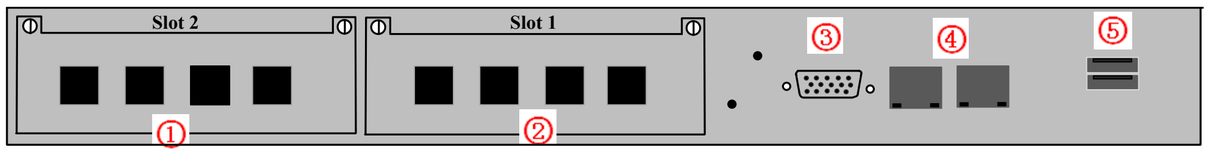
Motherboard Technical Specifications

- CPU: Intel Atom D2550_1.86GHz
- DRAM: Slot Onboard, up to 4GB DDR3 1333 SDRAM (Atom N2600 only support 2GB)
- Chipset: Intel NM10 Express Chipset
- Southbridge: Intel NM10
- Storage: 1 SATA slot, 1 mSATA Socket
- Three front panel LEDs, for 3 programmable GPO status indicator
- Push button: for mode setting switch, accessing a programmable GPI, active low means switch is pressed
- PCIe Interface: PCIe x4 Golden Finger
- Expansion: 1 Mini PCIe slot
- Connectivity: Up to 2 Ethernet channels (10/100/1000Mbps speed)
  2 PCIe Ethernet controllers
  Support PXE (for remote booting)
- I/O: 1*DB15 VGA port, 5*USB 2.0 port
- Board size: 6 x 6" (152.4 x 152.4 mm)
- Temperature: 0°C to 60°C (contact factory for more temp. options)
- Firmware: AMI_UEFI BIOS
- PCB layer: 4
- Power dissipation: ~7.8W (Minimum Power Dissipation)

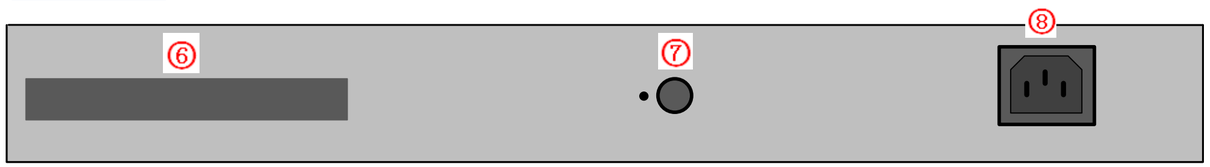
Side View



Front Panel



Rear Panel



① ② Telephony Cards Area

③ Serial Interface

④ 2 10/100/1000Mbit Network Ports

⑤ 2 USB Ports

⑥ HDD

⑦ DC Power Interface (External and Optional)

⑧ AC Power Interface (Built-in and Optional)

Address: F/3, Block No.127, Jindi Industrial Zone, Shazui Road, Futian District, Shenzhen, Guangdong 518048, China

Tel:+86-755-82535461, 82535095, 82535362, Fax:+86-755-83823074

Business Contact: sales@openvox.com.cn, Technical Support: support@openvox.com.cn URL: www.openvox.cn