



- ✓ 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

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

Overview

OpenVox IX130 is an open source asterisk-based complete IPPBX solution for SMB. Based on plug-in modular design, IX130 integrates two telephony interface board slots in 1U size for installing with OpenVox PCI-E telephony cards, with combinations of analog, BRI, PRI, GSM. With the push-button, the storage device is easy to plug and draw.

IX130 supports comprehensive protocol processing, including SIP, H.323 protocols in IP side and BRI, PRI, SS7, GSM and some protocols in CPE.

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

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 200 VoIP channels

Physical Specifications

- ▶ **Size:** 44cm × 4.5cm × 30cm
- ▶ **Weight:** 5200g (Telephony cards not included)
- ▶ **Interface:** 1 VGA interface
1 PS/2 keyboard interface
1 PS/2 mouse interface
2 USB interfaces
3 1000M RJ45 ports
- ▶ **Alternative Power:**
Input: 100-240VAC 1.8A, 50/60Hz
Output: 12VDC, 4A

Combination Options

- ▶ A400E
- ▶ A810E
- ▶ A1610E
- ▶ B100E
- ▶ B200E
- ▶ B400E
- ▶ D130E
- ▶ D230E
- ▶ G400E

IX130 supports combination of two cards, for example:

- ▶ A810E + B400E
- ▶ D230E + B400E
- ▶ D230E + A1610E
- ▶ D230E + A810E
- ▶ A810E + A810E
- ▶ G400E + G400E

Environments

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

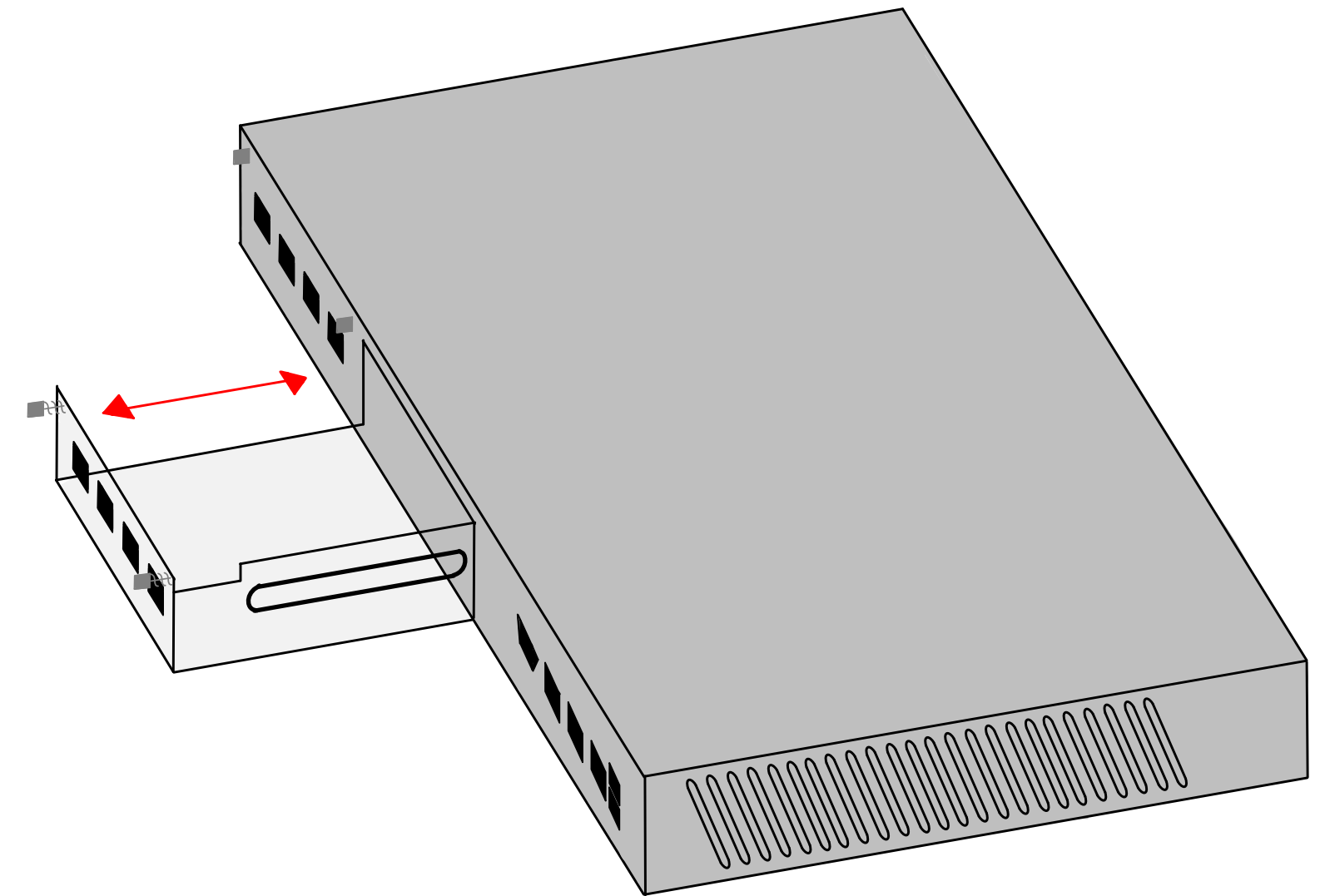
Motherboard Main Features

- Powerful Intel Atom Z5xxP series Processor up to 1.6GHz
- 512 KB L2 cache ,24K data ,32K instruction
- Up to 3 Ethernet channels
- Up to 2 Mini PCIe sockets for voice cards and other expansion
- Up to 2GB DDR2 SDRAM, 64 bit wide for high memory bandwidth
- 8 Mbit flash for AMI BIOS
- Flexible combinations of data storage solution: Compact Flash + 44 pin IDE header + SATA connector (only available at DC12V power in) for user's operating system and application
- Wide voltage range :7 to 20V (absolute) DC supply through DC jack
- 1 serial port (DB9 male) for debug usage
- Low EMI Emission level and high Electro Magnetic Susceptibility

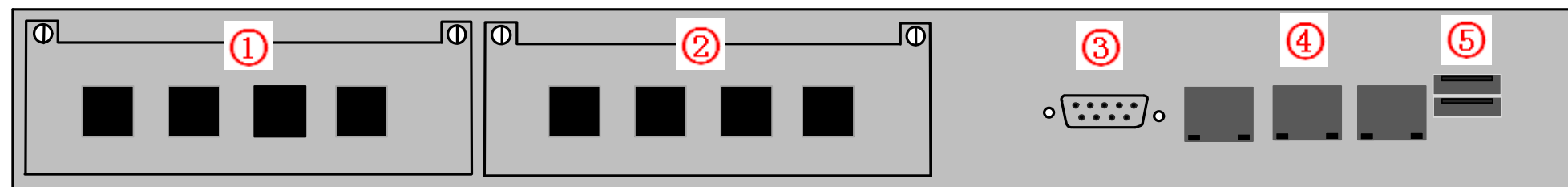
Motherboard Technical Specifications

- CPU: Intel Atom Z510P 1.1GHz/ Z520P 1.3GHz /Z530P 1.6GHz
- DRAM: Slot Onboard, up to 2GB DDR2 400/533 SDRAM (double side 1GB)
- Chipset: Intel Poulsbo
- South Bridge: Poulsbo integrated
- Storage: Compact Flash socket, 44pin PATA connector 1 SATA slot (only available at Power in DC12V)
- Power: DC jack, 7V to 20V, Suggest 12V supply, Center pin =positive, sleeve = ground, 2.1 mm diameter.
- 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
- Expansion: 1 PCI-E x4 golden finger and 2 Mini PCI-E slot, fixed and individual interrupt
- Connectivity: Up to 3 Ethernet channels (1000Mbps speed) 3 PCIe Ethernet controller
- Fixed and individual interrupt (under Centos5.3 5.4)
- Support PXE (for remote boot)
- I/O: 1*DB9 serial port, for debug console usage, RS232
- Board size: 6 x 6" (152.4 x 152.4 mm)
- Firmware: AMI BIOS
- PCB layer: 8
- Power dissipation: ~6W
- (Condition: 1GB memory, unattached HDD, unattached Mini PCIe card , Attached 4GB CF card, under windows XP.) SDRAM, 64 bit wide for high memory bandwidth

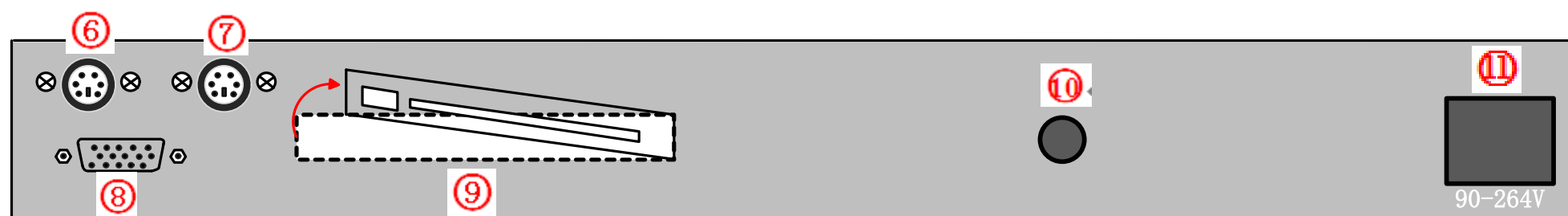
Side View



Front Panel



Rear Panel



- ① ② Telephony Cards Area
- ③ Serial Interface
- ④ Three Gigabit Network Ports
- ⑤ Two USB Ports
- ⑥ PS/2 Keyboard Interface
- ⑦ PS/2 Mouse Interface
- ⑧ VGA Interface
- ⑨ Hard Disk
- ⑩ DC Power Interface (External and Optional)
- ⑪ AC Power Interface (Built-in and Optional)