



- ✓ 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 | ▶ Firewall |
| ▶ Blacklist | ▶ Follow me |
| ▶ Call Detail Records (CDR) | ▶ IVR Menu System |
| ▶ Caller ID and Call Waiting
Caller ID | ▶ Music on Hold |
| ▶ Fax Support | ▶ Music on Transfer |
| ▶ SIP/IAX trunk & PSTN
connectivity | ▶ 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 30 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
- ▶ **External and Optional Power Source:**
100-240VAC, 50/60Hz 1.8A
- ▶ **Built-in and Optional Power Source:**
12V, 4A

Combination Options

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

IX130 supports combination of two cards, for example:

- ▶ A810E + B400E
- ▶ D130E + B400E
- ▶ D130E + A1610E
- ▶ D130E + A810E
- ▶ A810E + A810E
- ▶ G400E + G400E

Environments

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

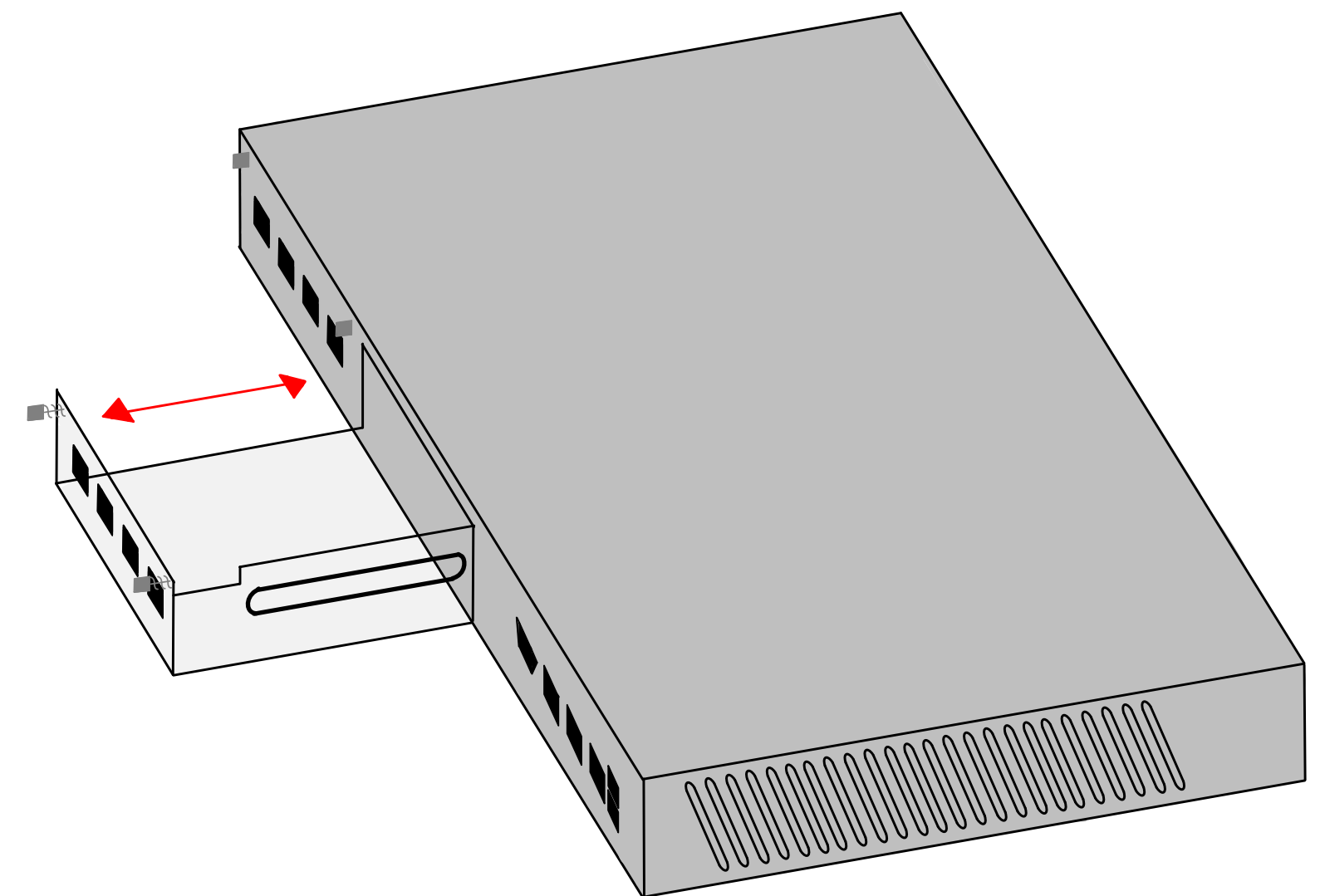
Motherboard Main Features

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
 Header for LPC bus (use for flash recovery or I/O expansion)
 Low EMI Emission level and high Electro Magnetic Susceptibility

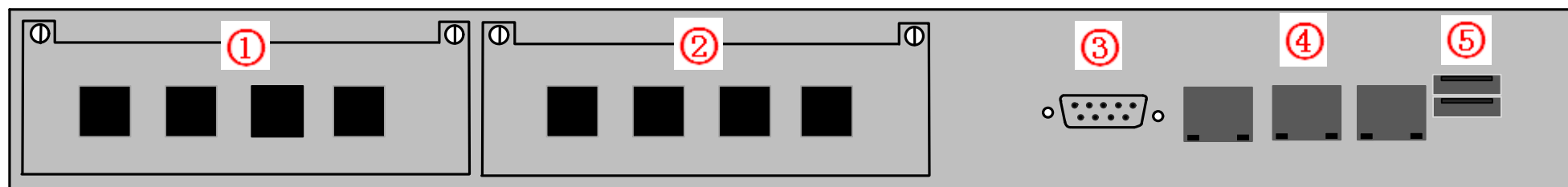
Motherboard Technical Specifications

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: 2 Mini PCIe 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 (Built-in and Optional)
- ⑪ AC Power Interface (External and Optional)