OpenVox

MC100 Series Datasheet

Overview

OpenVox MC100 Series is advanced version of IPPBX, which is asterisk-based IPPBX solution for SMBs and SOHOs.

The MC100 Series supports comprehensive protocol processing, including SIP protocols in IP side and BRI, PRI, SS7and some protocols transcoding in CPE. Taking the full advantages of open source platform, the MC100 Series will be

preloaded with Elastix®, PBX in a FlashTM, FreePBX IPPBX software.

√ Optional Pre-loaded Free Open Source IPPBX System

√ Combination of FXS/FXO, BRI, E1/T1 Interface

√ PRI/SS7 to SIP Gateway

√ PRI/SS7/FXS/FXO/BRI Signaling Converter

√ PRI/SS7 TDMoE Gateway

√ Support SIP and IAX2

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(a/u)
  G.729a
  G.723.1
  G.722
  G.726

▸ UP to 50 VoIP channels

Physical Specifications

▸ **Size**：18.1cm × 5.6cm × 16.3cm

▸ **Weight**：1235g

▸ **Interface**：1 VGA interface
  2 USB
  2 10/100/1000M RJ45 ports

▸ **Alternative Power**:
  Input: 100-240V AC , 50/60Hz
  Output: 12V DC, 2.33A

Environments

▸ **Temperature**: 0 ~ 50°C (Operation)

            - 40 ~ 125°C (Storage)

▸ **Humidity**:   10 ~ 90% NON-CONDENSING

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

Motherboard Technical Specifications

- CPU: Intel Atom N2600 1.60GHz
- DRAM: Slot Onboard, up to 4GB DDR3 1333 SDRAM
- 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, 2*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)
- Power dissipation: ~7.8W (Minimum Power Dissipation)