

OpenVox IPC100 Embedded Asterisk Motherboard



Product Name: OpenVox IPC100 Embedded Asterisk Motherboard

Manufacturer: OpenVox

Model Number: IPC100

OpenVox IPC100 Embedded Asterisk Motherboard

THE OpenVox IPC100 is the industry 1st embedded asterisk®; motherboard and works with Mini PCI cards to provide FXO/FXS and/or BRI interfaces.

Features of OpenVox IPC110

- Fanless design
- Intel®; Atom®; Z5xxP CPU up to 1.6GHz
- Industry 1st embedded asterisk®; motherboard
- Available for OEM

Technical Specifications

Features

- Powerful Intel Atom Z5XXP series Processor up to 1.6GHz
- 512 KB L2 cache, 24K data, 32K instruction
- Up to 3 Ethernet ports
- Up to 2 Mini PCI sockets for voice cards and other expansion
- Up to 2GB DDR2 SDRAM, 64 bit wide for high memory bandwidth
- 8Mbit flash for AMI BIOS
- 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

Specification

- CPU: Intel Atom Z510P 1.1GHz/ Z520P 1.3GHz /Z530P 1.6GHz
- DRAM: Slot Onboard, support up to 2GB DDR2 SDRAM (double side 1GB)
- Chipset: Intel Poulsbo
- South Bridge: Poulsbo integrated
- Storage: Compact Flash socket44pin PATA connector1 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 PCI slot, fixed and individual interrupt (under Centos5.3 5.4)
- Connectivity: Up to 3 Ethernet channels (10/100Mbps speed)2 PCI Ethernet controllers1 PCI-E Ethernet controller (can be configured as a Giga-bit LAN at Factory)
- 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
- 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)
- Firmware: AMI BIOS

- PCB layer: 8
- Power dissipation: ~6W

Please Enquire

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