

OpenVox IPC100B Embedded Asterisk Motherboard with Atom Z530P 1.6G



Product Name: OpenVox IPC100B Embedded Asterisk Motherboard with Atom Z530P 1.6G

Manufacturer: OpenVox

Model Number: IPC100B

Embedded IPC100B Asterisk Motherboard with Atom Z530P 1.6G

OpenVox IPC100 motherboards are small form (15cm*15cm) factor system boards optimized for IPPBX and network security applications. The Fanless design, as low as 6W normal power, enables more reliability to the system and ability to operate in harsh industrial environments. Integrated up to 3 Ethernet ports, the IPC100 motherboards provide a flexible choice for different applications to the users.

OpenVox IPC100B 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
- 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

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OpenVox IPC100B - Technical Specifications

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 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 GPIO status indicator
- Push button: For mode setting switch, Accessing a programmable GPIO, 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)

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- 2 PCI Ethernet controllers
- 1 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 x 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
- Condition: 1GB memory, unattached HDD, unattached Mini PCI card, Attached 4GB CF card, under Windows XP

RoHS compliant

- Certificates: CE and FCC
- Two Year Warranty!

Price: £550.80
