

OpenVox IPC120 Embedded Asterisk Motherboard



Product Name: OpenVox IPC120 Embedded Asterisk Motherboard

Manufacturer: OpenVox

Model Number: IPC120

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The OpenVox IPC120 is a new version embedded asterisk®; motherboard and works with PCI-e cards to provide FXO/FXS, BRI and/or PRI interfaces with the connection of PCI-e to PCI-e raiser cards. Features of OpenVox IPC120

- Dual core Intel®; Atom®; processor: D2550 1.86GHz
- mSATA & SATA sockets on board
- Optional Hardware RAID 1 Support
- Embedded asterisk®; motherboard
- Fanless design
- Available for OEM

OpenVox IPC120 motherboards are small form (15cm*15cm) factor system boards optimized for IPPBX and network security applications. The fanless design, as low as 7.8W normal power, enables more reliability to the system and ability to operate in harsh industrial environments. Integrated up to 2 Ethernet ports, the IPC120 motherboards provide a flexible choice for different applications to the users.

Technical Specifications

Features

- Powerful dual core Intel Atom Processor up to 1.86GHz
- 1 MB L2 cache, 64-bit instruction
- 2 gigabit Ethernet ports(10/100/1000 Mbps speed)
- 1 PCI-e x4 Golden Finger for voice cards and other expansion; and 1 mini PCI-e slot
- Up to 4GB DDR3 SDRAM
- 8 Mbit flash for AMI BIOS
- Flexible combinations of data storage solution: SATA and mSATA sockets for user's operating system and application (only available at Power in DC 12V)
- Optional Hardware RAID 1 Support
- Wide voltage range :12V DC supply through DC jack
- 1 VGA port (DB15) for display interface
- Header for LPC bus (use for flash recovery or I/O expansion)
- Low EMI Emission level and high Electro Magnetic Susceptibility

Specification

- CPU: Dual core Intel®; Atom®; processor: D2550 1.86GHz
- DRAM: Slot Onboard, up to 4GB DDR3 1333 SDRAM
- Chipset: Intel NM10 Express Chipset
- SouthBridge: Intel NM10
- Storage: 1*SATA slot, 1*mSATA Socket
- Power: DC jack, 12V supply
- 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 (fixed and individual interrupt under Centos5.3 5.4); 1 mini PCI-e slot
- Connectivity: Up to 2 gigabit Ethernet ports(10/100/1000 Mbps speed), 2 PCI-e Ethernet

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controller

- Support PXE (for remote boot)
- I/O: 1*DB15 VGA port; 5*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_UEFI BIOS
- PCB layer: 4
- Power dissipation: ~7.8W (Minimum Power Dissipation)

Please Enquire

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