

PC-2553

PC/104 SBC with NS GXLV-233 CPU on board, and VGA/LCD/Sound/GPS



FEATURES

- World First PC/104 All-in-one multimedia module
- On-board Low-power CPU (NS Geode™ GXm-233 MHz)
- NS Geode™ CS5530, display memory shared with system memory 2MB
- Built-in One SODIMM Socket
- Support VGA/LCD and Sound Functions
- Reserved header for GPS module

SPECIFICATION

- **CPU:** On-board NS Geode™ GXm-233 MHz CPU
- **Chipset:** NS Geode™ CS5530
- **BIOS:** 256KB Award® BIOS
- **System Memory:** 1 SODIMM socket, support up to 128MB SDRAM
- **VGA/LCD:** NS Geode™ CS5530, display memory shared with system memory 2MB resolution up to 1024 x 768 @ 32K colors
- **Sound:** Built-in sound functions, include Mic-in/Line-in/Speaker-out
- **GPS:** Reserved Header for GPS module kit
- **IDE Interface:** 1 PCI IDE port support up to 2 IDE devices. Supports PIO mode 4 and Bus Master, also supports Multi-word DMA and Ultra DMA/33
- **Floppy Drive Interface:** 1 FDD port, support 1 floppy devices
- **Serial Port:** 2 COM ports (2 x RS-232)
- **Parallel Port:** 1 multi-mode parallel port (SPP/EPP/ECP)
- **Universal Serial Bus:** Support 2 USB ports
- **IR Interface:** Supports 1 IrDA header
- **Keyboard/Mouse connector:** Support PS/2 keyboard/mouse connector
- **RTC:** Internal RTC with Li Battery
- **Power Connector:** On-board 10-pin power connector (+5, -5 +12, -12, GND), system power requirement +5V only
- **Power Management:** I/O peripheral devices support power saving and doze/standby/suspend modes. APM 1.2 compliant
- **Power Consumption:** +5V@2.50A(Cyrix-233MHz, 32MB SDRAM) +12V:10mA -12V:10mA
- **Operating Temperature:** 0°C ~ 60°C
- **Humidity:** 5% ~95% , non-condense
- **Dimensions:** 90 x 96 mm (3.54" x 3.784" inches)
- **Net weight:** 200g (0.44 pounds)

