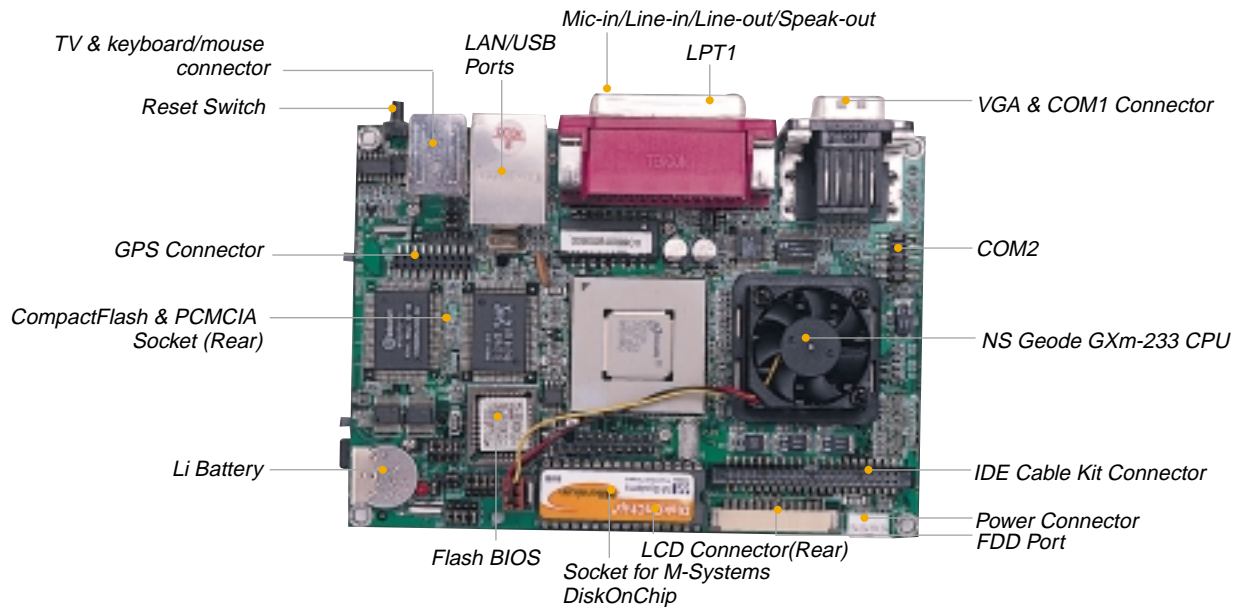


EM350A

3.5" NS GXm-233 SBC with VGA/LCD/LAN/TV/Sound/GPS/PCMCIA CompactFlash



FEATURES

- On-board Low-power CPU (NS Geode™ GXm-233 MHz)
- NS Geode™ CS5530, display memory shared with system memory 2MB
- Built-in VGA/LCD/TV and sound functions, support multimedia application
- Support 10/100Base-TX Ethernet interface
- Sockets for both CompactFlash and PCMCIA, supports Hot Swap feature
- One SODIMM Socket®
- Socket for DiskOnChip
- 3.5" Embedded form factor

ORDERING INFORMATION

EM350A	with CompactFlash and PCMCIA socket
EM350C	without CompactFlash and PCMCIA socket

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 1024x768 @ 64K colors
- **TV:** NTSC/PAL mode, support Composite/S-video/R-G-B output
- **Ethernet:** On-board Realtek 8139, support 10/100 Base-TX

SPECIFICATION

- **Sound:** Built-in sound functions, include Mic-in/Line-in/Line-out/Speaker-out
- **GPS:** Reserved Header for GPS module
- **Flash Memory Disk:** Reserved socket for DiskOnChip®, support up to 144MB flash memory.
- **CompactFlash:** 1 Compact Flash socket, support Hot-plug function
- **PCMCIA:**
1 PCMCIA socket, support Hot-plug function, Type-I/II
- **IDE Interface:** 1 PCI IDE port support 2 IDE device 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 device
- **Serial Port:**
2 COM ports (1 x RS-232 and 1 x RS-232 / 422 / 485)
- **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:** 1 x 6-pin mini-DIM PS/2 keyboard/mouse connector
- **RTC:** Internal RTC with Li Battery
- **Power Connector:**
On-board 4-pin power connector (+12, GND, GND, +5)
- **Power Management:** I/O peripheral devices support power saving and doze/standby/suspend modes. APM 1.2 compliant
- **Power Consumption:** +5V@3.09A(Cyrix-233MHz, 32MB SDRAM) +12V:80mA -12V:0mA
- **Operating Temperature:** 0°C ~ 60°C
- **Humidity:** 5% ~95%, non-condense
- **Dimensions:** 145 x 102 mm (5 3/4" x 4" inches)
- **Net weight:** 250g (0.55 pounds)