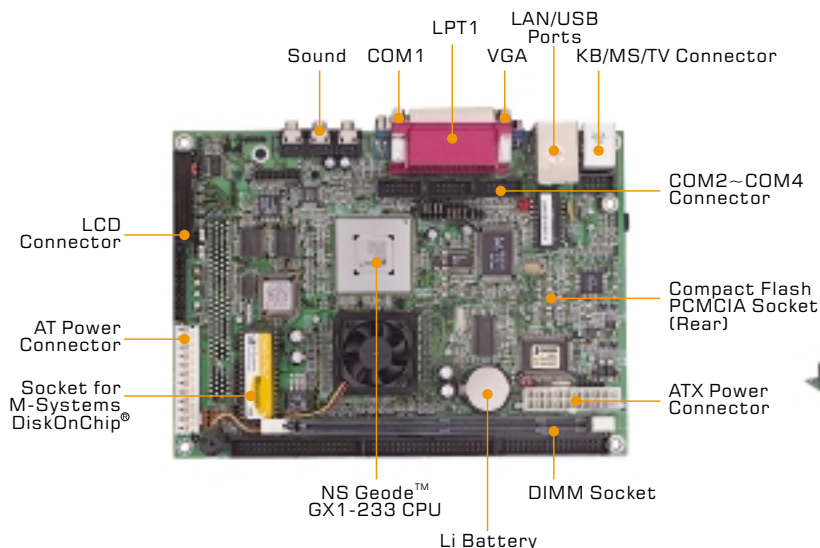


EM-535A



5.25" NS GX1-233 SBC with VGA/LCD/ LAN/TV/Sound/GPS/PCMCIA



FEATURES

- On board Low-power CPU (NS Geode™ GX1-233 MHz)
- Support multimedia VGA/LCD/TV/Sound and network functions
- SSD/CompactFlash/PCMCIA sockets for all special application
- Reserved Header for GPS module
- Fitted to ATX chassis outlet
- 5.25" Embedded ATX form factor

ORDERING INFORMATION

EM-535A	With 1 CompactFlash and 1 PCMCIA socket, but without PCI expansion slot
EM-535C	With 1 PCI expansion slot, but without CompactFlash and PCMCIA Socket

SPECIFICATION

CPU : On board NS Geode™ GX1-233 MHz CPU

Chipset : NS Geode™ CS5530A

BIOS : 256KB Award® BIOS

System Memory : 1x168-pin DIMM socket, support up to 128MB SDRAM

VGA/LCD : NS Geode™ CS5530A, shared Memory 2MB

TV : NTSC/PAL mode, support Composite /S-video /R-G-B output

Ethernet : On-board Realtek 8139, support 10/100 Base-TX Ethernet

Sound

Built-in sound functions, include Mic-in/Line-in/Speaker-out

GPS : Reserved header for GPS module

Flash Memory Disk : Socket for DiskOnChip®, Support up to 144MB flash disk

CompactFlash : 1 Compact Flash socket, support Hot-Plug function(EM-535A only)

PCMCIA : 1 PCMCIA socket, support Hot-plug Function, Type-I/II (EM-535A only)

IDE Interface : 2 PCI IDE port support up to 4 IDE devices. Support PIO mode 4 and Bus Master, also support Multi-word DMA and Ultra DMA/33

Floppy Drive Interface

1 FDD port, support up to 2 floppy devices

Serial Port : 4 COM ports (3 x RS-232 and 1 x RS-232 / 422 / 485)

Parallel Port : 2 multi-mode parallel port (SPP/EPP/ECP)

Universal Serial Bus : Support 2 USB ports

IR Interface : Support 1 IrDA header

Keyboard/Mouse connector

6-pin mini-DIN PS/2 keyboard/mouse connectors on-board

RTC : Internal RTC with Li Battery

Expansion Slot

Built-in one PCI expansion slot (EM-535C only)

Power Connector

On-board ATX power connector, with 1 ATX/AT and 1 HDD power connector optional

Power Management : I/O peripheral devices support power saving and doze/standby /Suspend modes. APM 1.2 compliant

Watchdog Timer

16 level time-out intervals (by software program)

Power Consumption

+5V@3.21A(Cyrix-233MHz, 64MB SDRAM)
+12V:10mA, -12V:10mA

Operating Temperature : 0°C ~ 60°C

Humidity : 5% ~95% , non-condense

Dimensions

203 x 146 mm (8" x 5 3/4")

Net Weight : 350g (0.77 pounds)