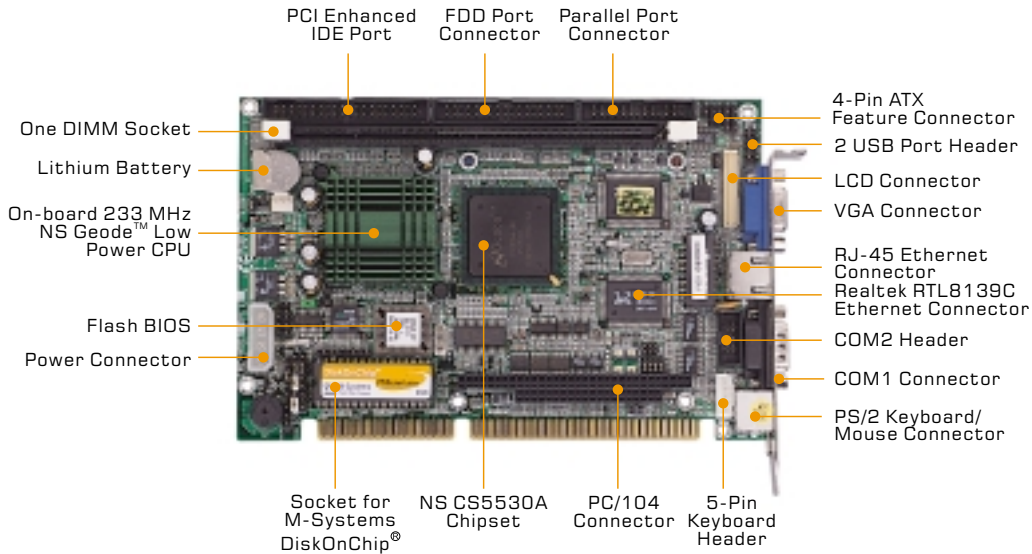


Half-Size NS GX1-233 SBC with VGA/ LCD/LAN



IAC-H553


SBC



FEATURES

- On-board NS Geode™ GX1-233 MHz low power CPU
- Support VGA/LCD, resolution up to 1024 x 768 at 64k colors
- On-board network function, support 10/100 Base-TX interface.
- One ATX feature connector for Wake-On-LAN function.
- One DIMM socket, support up to 128MB SDRAM.
- Optional for on-board 300MHz low power CPU with minimum order 200 purchase

OPTIONAL

Item
 USB Y cable with bracket
Part Number
0800100100002

SPECIFICATION

CPU On-board NS Geode™ GX1-233 MHz Low power CPU
Chipset NS CS5530A
BIOS 256KB Award® license BIOS
Cache Memory 16KB L1 Cache Memory
System Memory 1x168-pin DIMM socket, support up to 128MB of SDRAM
VGA/LCD Interface NS CS5530A, shared memory 2.5MB, support CRT display and 18-bit TFT LCD, resolution up to 1024 x 768 @ 64K colors, with VGA and 50-pin LCD connectors
Ethernet On board Realtek RTL8139C, supports 10/100 Base-TX interface, on-board RJ-45 Connector, supports Wake-On-LAN via ATX Power supply
Flash Memory Disk Interface Reserved socket for DiskOnChip® from M-System, support up to 144 MB flash memory disk
IDE Interface
 1 PCI IDE port, support up to 2 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 2 COM ports, one RS-232 and one RS-232/422/485

Parallel Port 1 Multi-mode parallel port (SPP/EPP/ECP)
Universal Serial Bus Support 2 USB ports
IR Interface Support one IrDA header
Keyboard/Mouse connector
 6-pin mini-DIN PS/2 keyboard/mouse connector and 1x5-pin keyboard connector
RTC Internal RTC with Li battery
Expansion Bus PC/104 connector
Power Connector 4-pin power connector with 1 ATX feature Connector (For wake-on-LAN) (2.54mm) (GND, 5V standby, GND, PSON)
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)
Digital I/O 4 bit digital input / 4 bit digital output
Power Consumption +5V@1.75A(GX1-233MHz) +12V:10mA, -12V:10mA
Operating Temperature 0°C~ 60°C
Storage Temperature -20°C~ 70°C
Humidity 5% ~ 95%, non-condense
Dimensions 185 x 122 mm (7 1/4" x 4 5/6")
Net Weight 222 g (0.49 pounds)

*All the specifications and photos are subjected to be changed without notice.