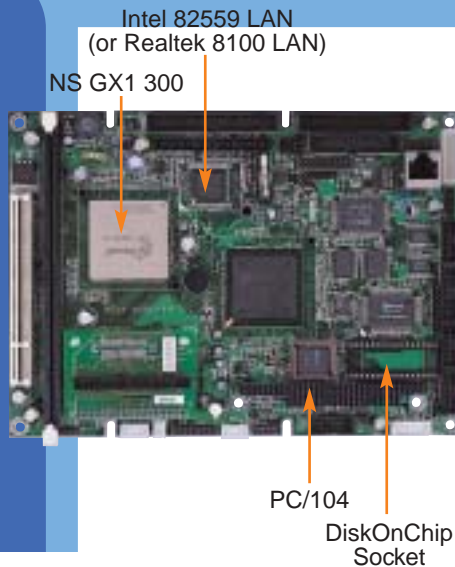


# NOVA-4898

5.25" Disk Size Geode GX1 Embedded Board

With 10/100Mbps Ethernet, LCD/CRT VGA, DIO & Audio



CF Type II Socket



Rear View

## ORDERING INFORMATION

### NOVA-4898N-300 / NOVA-4898R-300

5.25" disk size 300MHz embedded board with VGA & i82559/RTL8100 10/100Mbps Ethernet with FP24-01A board

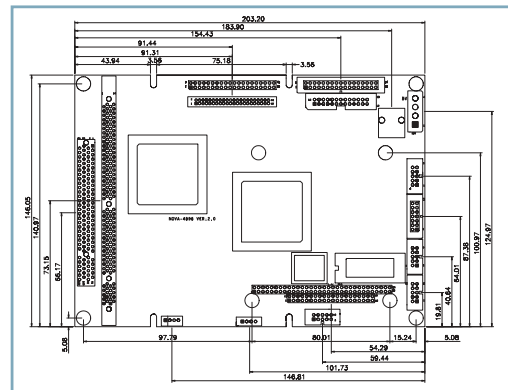
### LVDS-01

One channel LVDS module, 18-bit Work with NEC 15" NL1027BC30-04F LCD Panel,...etc.

### CB-USB02

Dual ports USB cable with bracket

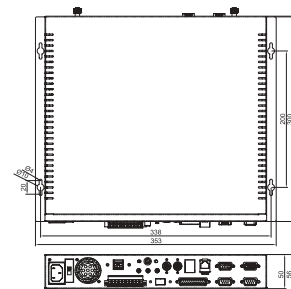
### Dimensions:



### EB-2810 Embedded Chassis for NOVA-4898

- Support one PC/104 module space
- Equipped with ACE-916A PSU
- Optional ACE-816/916 series PSU
- Support two 2.5" drive bay
- Two cooling fans

### Dimensions:



## SPECIFICATIONS

- CPU : Embedded National Semiconductor™ low power consumption Geode™ GX1 300MHz
  - BIOS : Award PnP Flash BIOS
  - System Chipset : National Semiconductor™ Geode™ GX1 + CS5530A
  - System Memory : One 168-pin DIMM socket up to 512MB SDRAM
  - Display :
    - Built-in CS5530A chipset, supports TFT LCD & CRT display
    - V-RAM : Share with system memory (up to 4MB), setting in BIOS
    - Resolution : 1280 x 1024 for CRT display
    - Connector : 10-pin pin-header for CRT display (Shipping with cable for DB-15 connector)
    - 50-pin pin-header for 18-bit TFT LCD
    - 44-pin pin-header for 18-bit LCD (With FP24-01A board)
    - Built-in TV out function supports NTSC and PAL signal
    - Optional LVDS-01 LVDS module for LVDS LCD panel
  - Ethernet : Intel 82559 or Realtek RTC-8100 10/100Mbps Ethernet Controller on board
  - SSD : One DiskOnChip™ socket and one CF Type II socket (Support IBM Microdrive compact size HDD)
  - Audio : AC'97 compliant Audio CODEC
  - I/O :
    - 3 x RS-232 port
    - 1 x RS-232/422/485 selectable port with auto-direction function
    - Serial ports provides +5V & +12V power supply
    - 1 x parallel port (support SPP/EPP/ECP mode)
    - 2 x USB 1.1 (pin header)
    - 1 x IrDA port
    - 1 x FDD port
    - 2 x ATA-33 IDE channel (40-pin/44-pin)
  - Digital I/O : TTL level, 4 x inputs and 4 x outputs
  - WDT: software programmable, support 1~ 255 sec. system reset
  - Support ATX function
  - One PCI slot and one PC/104 connector for add-on card
  - Power Consumption : +5V@2A, +12V@100mA (GX1 300MHz CPU and 32MB SDRAM)
  - Operating Temperature : 0~60°C
  - Relative Humidity : 5~95%, non-condensing
  - GW: 700g
- Note: Equipped with a standard FP24-01A board