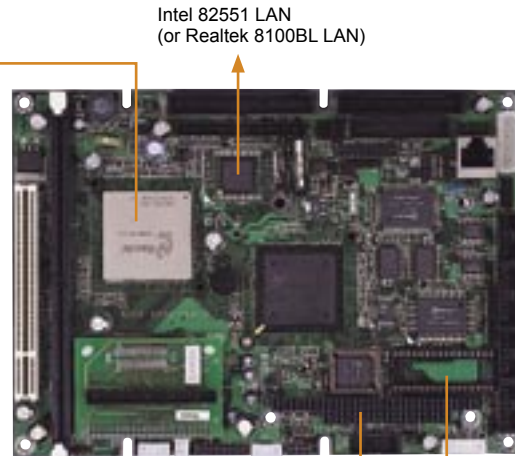


NOVA-4898

5.25" Disk Size Geode GX1 Embedded Board With 10/100Mbps Ethernet, LCD/CRT VGA, DIO & Audio



CF Type II Socket



NS GX1 300

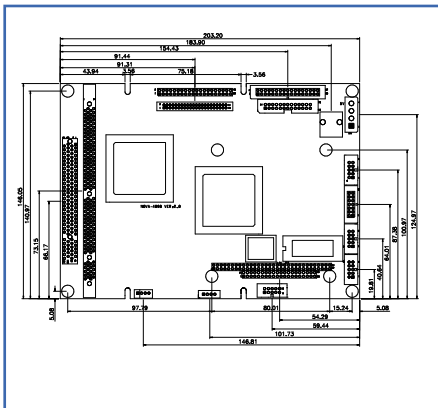
Intel 82551 LAN
(or Realtek 8100BL LAN)

PC/104

DiskOnChip Socket



Dimensions

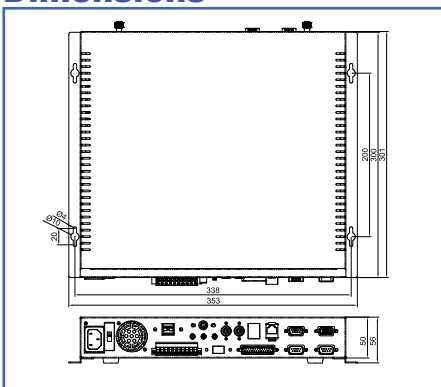


EB-2810

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 82551 or Realtek RTC-8100BL 10/100Mbps Ethernet Controller on boardn
 - ◆ 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 functionSerial 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

ORDERING INFORMATION

- **NOVA-4898N-300 / NOVA-4898R-300-R4**
5.25" disk size 300MHz embedded board with VGA & i82551/RTL8100BL 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