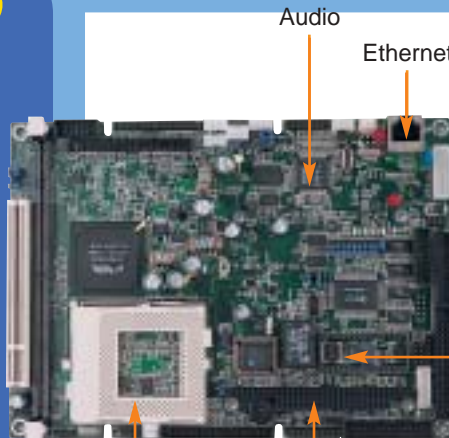


# NOVA-7892

5.25" Disk Size Socket-370 Based Embedded Board

With LCD/CRT VGA, 10/100Mbps Ethernet, Audio & D I/O

**NEW  
VERSION**



Socket-370

PC-104

**133MHz  
FSB**

**Dual View**



CF Type II Socket

Rear View

DiskOnChip<sup>™</sup>  
Socket

## SPECIFICATIONS

- CPU : Supports Socket-370 based CPU (Celeron<sup>™</sup> / Pentium<sup>™</sup> III) up to 133MHz FSB
- System Chipset : VIA Apollo Pro133 (VT82C693A + VT82C596B)
- System Memory : One 168-pin DIMM socket up to 256MB SDRAM
- Display :
  - Chip : SMI 721 G4 LCD/CRT VGA
  - V-RAM : 4 MB SDRAM embedded
  - Resolution : 1600 x 1200 (16-bit colors)
  - Connectors : 10-pin pin-header for CRT display (Shipping with DB-15 connector cable)
  - Two 44-pin-headers for single/dual 24/18-bit LCD panel (Support single 24-bit LCD or dual 18-bit LCD)
  - Supports 3.3V and 5V LCD panel
  - Optional LVDS-05 LVDS module for single 48-bit large size LCD panel
  - Optional LVDS-06 LVDS module for single 36-bit large size LCD panel
  - Built-in TV out function support NTSC and PAL signal
  - VGA supports dual-view function both CRT/LCD, LCD/LCD or LCD/TV
- Ethernet : Intel 82559 10/100Mbps Ethernet chip with RJ-45 connector, support WOL & AOL function
- SSD : One DiskOnChip<sup>™</sup> socket and one CF Type II socket (Support IBM Microdrive compact size HDD)
- Audio : ESS Solo-1E audio chip on board
- I/O :
  - 3 x RS-232 ports
  - 1 x RS-232/422/485 selectable port with Auto-Direction function
  - COM1 ~ COM4 supplying +5V & +12V DC
  - 1 x parallel port (support SPP/EPP/ECP mode)
  - 2 x USB 1.1 (pin header)
  - 1 x IrDA (SIR mode)
  - 1 x FDD port
  - 1x ATA-66 IDE channel (44-pin header)
- Digital I/O : 4 x inputs and 4 x outputs, TTL level
- WDT: software programmable, support 1~ 255 sec. system reset
- Support ATX function
- Hardware monitoring chip on board
- One PC/104 expansion connector and one PCI slot for add-on cards
- Power Consumption : +5V@3.5A, +12V@2.5A
- Operating Temperature : 0~60°C (CPU cooler required)
- Relative Humidity : 5~95%, non-condensing
- GW : 700g

## ORDERING INFORMATION

### NOVA-7892-4M

5.25" disk size Socket-370 based embedded board

### LVDS-05

LVDS module for single 48-bit large size LCD panel

### LVDS-06

LVDS module for single 36-bit large size LCD panel

### CB-USB02

Dual ports USB cable with bracket



### EB-2800 Embedded Chassis for NOVA-7892

- 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:

