

NOVA-7895/7896 Series

5.25" Embedded Socket 370 SBC

with LCD/CRT VGA, Dual Lan, Audio, 1394 and TV out

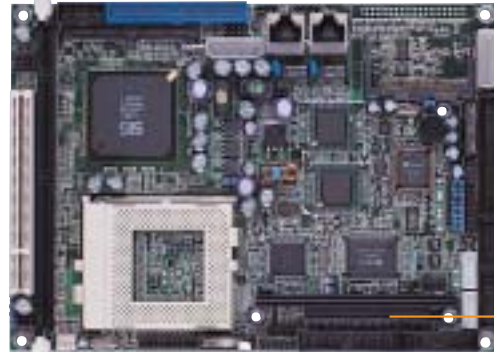
**Dual View/
TV out**

**Supports Hyper-
Threading Technology**



NOVA-7895FWDV

PC/104+
PCI Interface)



NOVA-7896FW

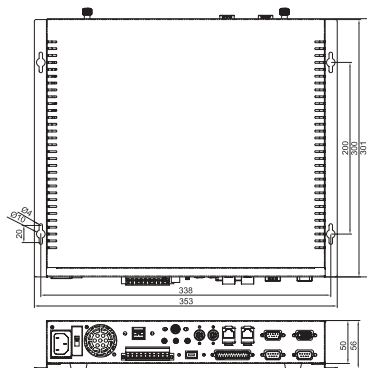
PC/104
(ISA
Interface)



EB-2820 Embedded Chassis for NOVA-7895/7896

- Supports 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:** Supports Intel® Tualatin Socket-370 66/100/133MHz FSB
- System Chipset:** SiS 630ST, PCI 2.2 compliant
- System Memory:** 1x DIMM up to 512MB SDRAM (PC100/PC133)
- Display:** SiS630ST chipset integrated 2D/3DGraphic Core
Resolutions: up to 1920x1440
V-RAM: Share system memory up to 64MB SDRAM
- Optional LCD Interface :** by SiS630ST chipset
50-pin connector to support 24-bit LCD panel
equipped with FP24-02V10 for 44-pin 24-bit Panel connection
- Optional Dual View Function :** provides secondary CRT VGA or TV out
(If the optional Dual View function is used, you will not have a LCD interface)
- Ethernet:** 2x 10/100Mbps fast Ethernet controller onboard (Intel 82559 / Realtek RTL8100)
- SSD:** 1x Compact Flash™ Type II socket onboard
- I/O:** - 3x RS-232 series port by pin header (16C550 UARTs Compatible)
- 1xRS-232/422/485 selectable port with Auto-Direction function
- 1x LPT by pin header (support SPP/EPP/ ECP mode)
- 1x IrDA (SIR mode)
- 2xUSB port by pin header (USB 1.1 Compliant)
- 1x FDD channel support 1.44MB, 2.88MB and 3-mode
- 2x ATA-100 IDE channel, support CD-ROM; ZIP and LS-120 bootable.
(NCF version only, standard version support one IDE ATA-100 channel)
- Audio: AC'97 compliant Audio CODEC with 6W Amplifier**
(Line-in, Line-out, Mic-in by pin header)
- IEEE-1394:** 2x IEEE-1394a 400Mbps port onboard (TI TSB43AB22)
- WDT:** software programmable support 1~255 second system reset
- Expansion Slot :** PCI bus and PC/104 or PC/104+(PCI interface)
- Isolated Digital I/O :** 4 Inputs and 4 Outputs
- Hardware Monitoring (CPU Vcore; Vcc; CPU/System Fan speed and Thermal)**
- ATX power control function:** Meets ACPI 1.1
- 8-bit limited ISA (LPC-ISA)**
- Power Consumption:** +5V@7.5A, +12V@0.3A (Pentium® III 1.4GHz/256MB)
- Operating Temperature:** 0~60°C (CPU cooler required)
- Relative Humidity:** 5-95%, non-condensing
- GW:** 900g

ORDERING INFORMATION

- NOVA-7895xxxx**
5.25" Embedded Socket 370 SBC ,
PC/104+ Connector
- NOVA-7896xxxx**
5.25" Embedded Socket 370 SBC ,
PC/104 Connector
- LVDS-01-R7**
One Channel LVDS module,18-bit
Support NEC 15" NL1027BC30-04F
LCD Panel.....

| Ordering Model Name | PC/104 | PC/104+ | Intel 82559 LAN | Realtek 8100 LAN | TI TSB43 IEEE 1394 | 24-bit LCD interface | Secondary VGA,TV-out (Dual View) |
|---------------------|--------|---------|-----------------|------------------|--------------------|----------------------|----------------------------------|
| NOVA-7895N | | Yes | Dual | | | Yes | |
| NOVA-7895NFW | | Yes | Dual | | Yes | Yes | |
| NOVA-7895NFWDV | | Yes | Dual | | Yes | | Yes |
| NOVA-7895R | | Yes | | Dual | | Yes | |
| NOVA-7895RFBW | | Yes | | Dual | | Yes | |
| NOVA-7895RFWDV | | Yes | | Dual | Yes | | Yes |
| NOVA-7896N | Yes | | Dual | | | Yes | |
| NOVA-7896NFW | Yes | | Dual | | Yes | Yes | |
| NOVA-7896R | Yes | | | Dual | | Yes | |
| NOVA-7896RFBW | Yes | | | Dual | Yes | Yes | |