

NOVA-7895/7896 Series

5.25" Embedded Socket 370 SBC with LCD/ CRT VGA, Dual Lan, Audio, 1394 and TV out

Tualatin Supports



NOVA-7895FWDV

Tualatin Supports



NOVA-7896FW

SBC

SPECIFICATIONS



EB-2820

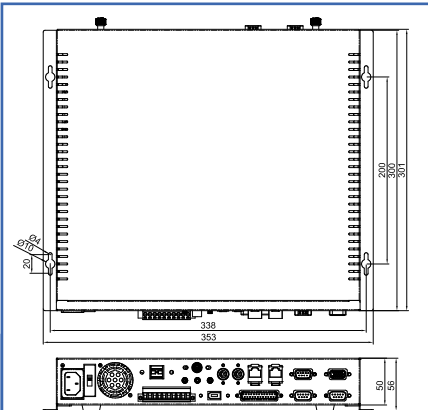
Embedded Chassis for NOVA-7895/7896

- ◆ 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



- ◆ 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/3D Graphic 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 RTL8100BL)
- ◆ SSD: 1x Compact Flash Type II socket onboard
- ◆ I/O:
 - 3x RS-232 series port by pin header (16C550 UARTs Compatible)
 - 1x RS-232/422/485 selectable port with Auto-Direction function
 - 1x LPT by pin header (support SPP/EPP/ ECP mode)
 - 1x IrDA (SIR mode)
 - 2x USB 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

Dimensions



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 INFORMATION

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-7895RFW		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-7896RFW	Yes			Dual	Yes	Yes	