

NOVA-7895FW/7896FWDV

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

**Dual View/
TV out**



NOVA-7895FWDV

**Support
Tualatin**



NOVA-7896FW

**NEW
Version**

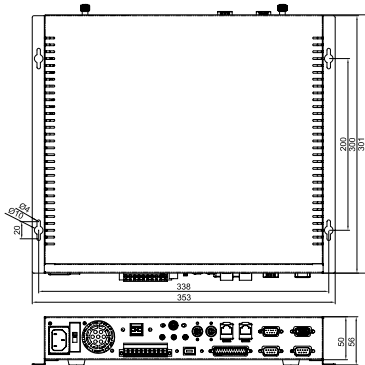
PC/104
(ISA
Interface)



EB-2820 Embedded Chassis for NOVA-7895/7896

- Support one PC/104 module space
- Equipped with ACE-915A PSU
- Optional ACE-815/915 series PSU
- Support two 2.5" drive bay
- Two cooling fan

Dimensions



SPECIFICATIONS



- CPU:** Support 66/100/133 FSB socket 370 base CPU up to Intel Tualatin 1.4GHz
- 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
Bus: AGP 4x
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 :** provide secondary CRT VGA or TV out
(If option the Dual View function, will not have LCD interface)
- Ethernet:** 2x 10/100Mbps fast Ethernet controller onboard (Intel 82559 / Realtek RTL8100)
- SSD:** 1x CompactFlash™ 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 by pin header (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:** meet ACPI 1.1
- Power consumption:** +5V@7.5A, +12V@0.3A (Pentium® III 1.4GHz/256MB)
- Operating Temp:** 0-60°C (CPU cooler needed)
- 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-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	