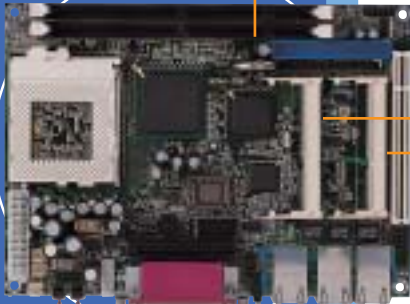


# NOVA-7897/7898

5.25" Disk size small form factor,  
Socket 370 base embedded board  
with 6x LAN for networking applications

**6x LAN Support**



NOVA-7897



COM Port VGA



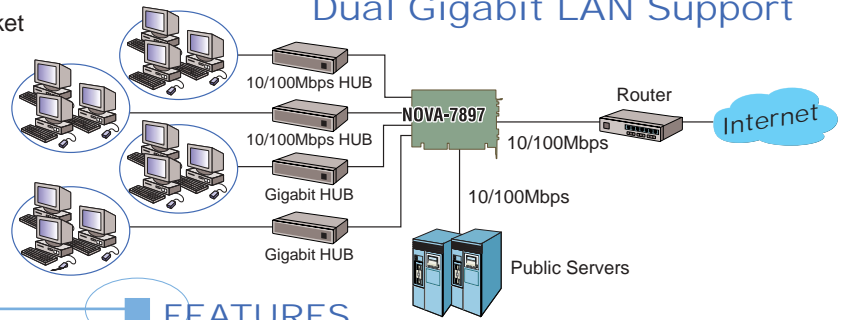
**NOVA-7898**  
(Printer port, VGA port by pin header)

2x168pin DIMM Socket

LAN Module Expansion Socket (Socket PCI Connector)

Dual Gigabit LAN  
4 x 10/100Mbps LAN

## Dual Gigabit LAN Support



## FEATURES

- Supports Intel® Tualatin Socket-370 P III/ Celeron® 133MHz FSB
- Supports up to Six LAN for networking management application like firewall or VPN Gateway IP security management
  - Dual 10/100Mbps LAN controller onboard i82562E + i82559
  - 2 x expansion socket interface for LAN module up to Six LAN
- LAN Module:
  - LM -2GN Dual Intel 82540/82541 Gigabit Ethernet Module.
  - LM -2G dual Gigabit LAN modules for high speed networking appliance.
  - LM-102 dual LAN module for Internet / Intranet server load balance or VPN Gateway appliance
  - LM-SSLA SSL Module with SSL Accelerator for advance WEB server SSL check performance (Rainbow Solution)
- Provides 2x DIMM socket for System memory up to 512MB
- Provides 1x PCI slot for expansion

### LM-2G

(only accepts one module per NOVA-7897)

**NEW**

### LM-2GN

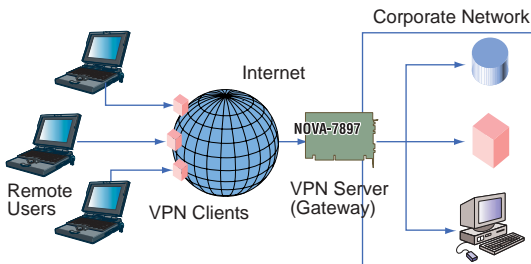
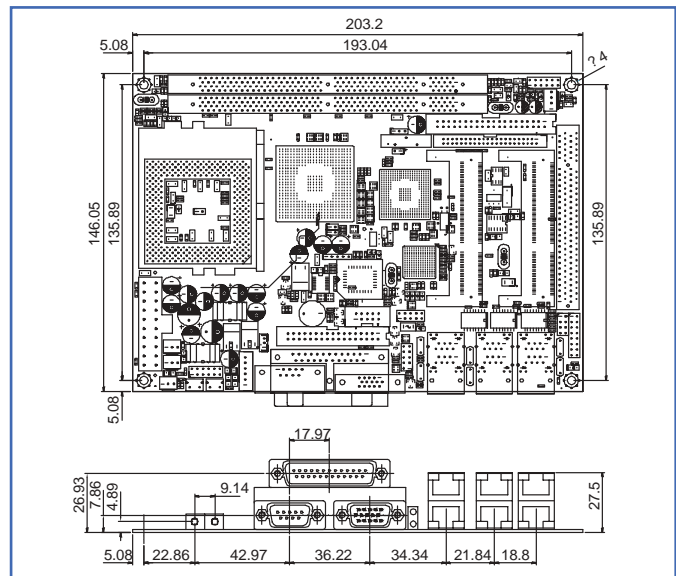
### LM-SSLA

### LM-102N

(can accept one or two modules per NOVA-7897/7898)

## Dimensions

### LM-102R



### Why do you need the NOVA-7897 with LM-SSLA?

### LM-SSLA



Virtual Private Networks (VPN) is rapidly becoming the universally accepted method for remote access. VPNs enable you to take advantage of the power of the Internet by providing a private tunnel through the public cloud. This in turn reduces costs and enhances productivity from your remote access applications. Although a VPN is private, it doesn't mean that it is secured. Protected solely by passwords, VPNs are very vulnerable. Therefore, our NOVA-7897 with LM-SSLA is available to enhance the security of Virtual Private Networks.

# NOVA-7897/7898

5.25" Disk size small form factor,

Socket 370 base embedded board

with 6x LAN for networking applications

## EB-5800

Networking Platform for Desktop Solution

## EB-5810

Networking Platform for 1U 19" RackMount Solution



EB-5800



EB-5810LCM

A125 LCD Module

Ship with rackmount kit

### SPECIFICATIONS

- Support Intel server level processor Tualatin CPU up to 1.4GHz
- Optional one A125 16x2 characters LCD display module with RS-232 interface
- Support NOVA-7898 embedded board.
- Equipped with ACE-816APS (with PFC) 150W industrial power supply.
- Standard equipped with dual Intel 10/100 Mbps LAN.
- Optional Socket PCI add-on LAN module supports system up to six LAN port.
- Color: Dark Blue (Pantone 433C)
- Dimensions: EB-5800: 325(W)x44(H)x300(D)mm  
EB-5810: 431(W)x44(H)x250(D)mm

### ORDERING INFORMATION

	A125 LCD Module	Full Function	HDD Drive Bay
EB-5800			1 x 3.5"
EB-5800LCM	Yes		1 x 3.5"
EB-5800F		Yes	1 x 3.5"
EB-5800FLCM	Yes	Yes	1 x 3.5"
EB-5810			1 x 2.5"
EB-5810LCM	Yes		1 x 2.5"
EB-5810F		Yes	1 x 2.5"
EB-5810FLCM	Yes	Yes	1 x 2.5"

Notes: Full function means USB, PS/2, VGA, Parallel, Audio connector on the rear side of chassis

- EB-5800XXX / ACE-816APS**  
Networking Platform for Desktop Solution
  - EB-5810XXX / ACE-816APS**  
Networking Platform for 1U 19" RackMount Solution
- Note: EB-5810 ship with rackmount kit

NEW



Ship with rackmount kit

## RACK-2340

High-end Networking Platform for 19" Rackmount solution

### SPECIFICATIONS

- 1U Height 19" Rackmount Networking Server
- Drive Bays:** Two internal 3.5" HDD drive bay
- Cooling Fan:** Three 4 cm ball bearing cooling Fan
- Front panel support one Compact Flash™ Type II and one USB port
- I/O:** K/B x 1, Mouse x 1, Print Port x 1, RS-232 x 1
- Power Supply:** Equipped with ACE-816AP power supply
- Embedded NOVA-7898 embedded board
- Vibration:** 5~17Hz, 0.1"double amplitude displacement  
17~640 Hz, 1.5G acceleration part to part
- Shock:** 10G acceleration part to part (11ms)
- Color: Dark Blue(Pantone-433C)
- Depth: 400mm      **Net/GW :** 6/8(kg)

LAN Port	LAN module #	LAN carry card
2	0	-
4	1	-
6	2	-
8	3	v
10	4	v

**LAN module:** LM-102N-X59, LM102N-X50, LM-102R, LM-2GN  
**LAN carry card:** MLAN-104, MLAN-104SSL

**Note:** Due to the limitation of PCI specifaction, please be aware of Gigabit Ethernet application.

### ORDERING INFORMATION

- RACK-2340/ACE-816AP**  
High-end Networking Platform for 19" Rackmount solution. Included ACE-816AP
- RACK-2340LCM/ACE-816AP**  
High-end Networking Platform for 19" Rackmount solution. Included A125 LCM and ACE-816AP

### SPECIFICATIONS

- CPU:** Supports Intel® Tualatin Socket-370 P / Celeron™ 133MHz FSB and VIA C3 (PPGA Celeron is not support)
- System Chipset:** Intel 815E-B step
- System Memory:** Up to 512MB (2x 168pin DIMM)
- Display:** Chipset integrated AGP 4X  
V-RAM: share with system memory by Dynamic Video Memory Technology  
Resolution: max.1600 x 1200, 8 bit colors for CRT  
Connector: external DB-15 for CRT display
- I/O:**  
External: One RS-232, one VGA, one LPT port connector  
Internal: One RS-232, IrDA port, two USB by pin-header  
IDE: Two ATA-100 channel (1x40 pin header), 1x44 pin header
- Ethernet:** External RJ-45x6  
Intel 82562 and 82559 10/100Mbps Ethernet controllers onboard up to 6x LAN with LAN module daughter board, LM-102N (Dual i82559/i82550), LM-2G (Dual Broadcom 5701/5703 Gigabit chip) or LM-2GN (Dual Intel 82540 Gigabit chip)
- Expansion:** 1x PCI 32bit/33MHz slot  
2x socket PCI connector for LAN Module daughter board
- WDT:** Software programmable, support 1~ 255 sec. system reset
- Power function:** Supports ATX power
- Power Connector:** ATX 2.03 1x20pin ATX connector
- Power Consumption:** 5V@9A, 3.3V@3.1A, 12V@0.2A, -12V@0.02A (933MHz CPU with 256MB)
- Relative Humidity:** 5~95%, non-condensing
- Operating Temperature:** 0~60°C
- Dimensions:** 203 x 146 mm (8" x 5.8")
- GW:** 900g

### ORDERING INFORMATION

- NOVA-7897** Socket 370 base embedded board with CRT VGA /Dual LAN/Audio
- NOVA-7898** Socket 370 base embedded board with CRT VGA /Dual LAN/Audio (Printer port, VGA port by pin header)
- LM module (Socket PCI connector)**  
LM-102N-x59 Dual i82559 LAN Module  
LM-102N-x50 Dual i82550 LAN Module with IPsec Engine  
LM-102R Dual Realtek 8100 LAN Module  
LM-2G Dual Broadcom 5701/5703 Gigabit LAN Module  
LM-SSLA SSL Accelerator Module  
LM-2GN Dual Intel 82540/82541 Gigabit Ethernet Module
- CB-USB02** Dual ports USB cable with bracket