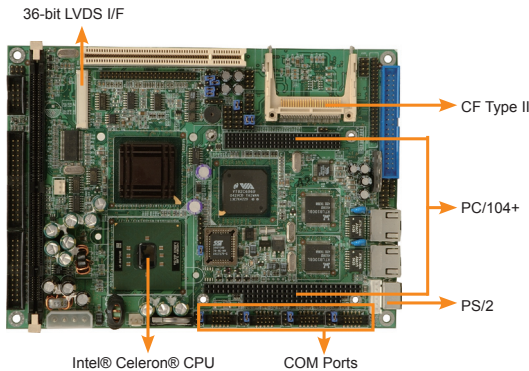


# NOVA-C400N/R-RS

5.25" SBC with ULV Intel® Celeron® 400MHz CPU, VGA/LCD, USB 2.0, Dual LAN and Audio



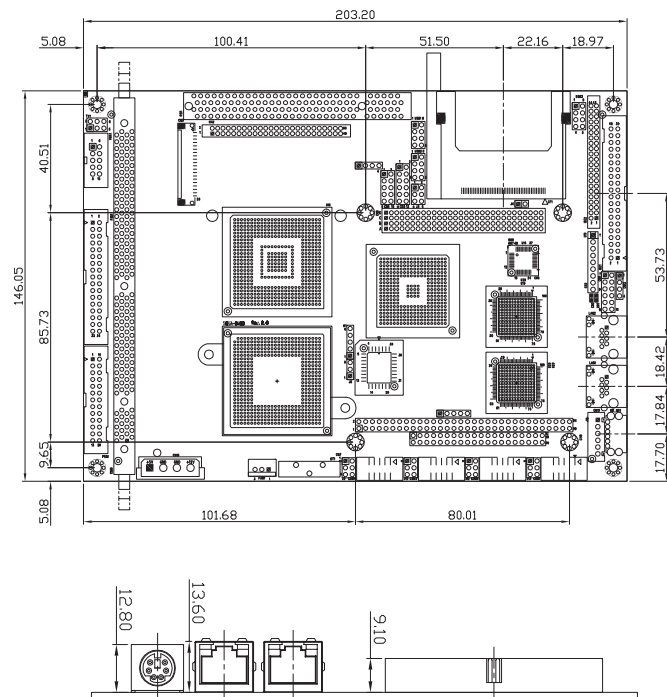
## Features

1. Embedded ULV Intel® Celeron® 400MHz CPU
2. VGA integrated in VT8606 supports 18-bit dual channel LVDS and TV-Out
3. One PC133 SDRAM support up to 512MB
4. Support 1 x PC/104-Plus (ISA+PCI) extension slots
5. CF Type II, Dual LAN, USB2.0, Multi-COM and Audio integrated

## Specifications

- ◆ **CPU**  
Ultra low voltage Intel® Celeron® 400MHz
- ◆ **System Chipset**  
VIA® VT8606T (PN133T) + VT82C686B
- ◆ **BIOS**  
AMI Flash BIOS
- ◆ **System Memory**  
1 x 168-pin PC 100/133MHz SDRAM up to 512 MB
- ◆ **Ethernet**  
Dual Intel® 82551 Ethernet chipsets (NOVA-C400N-RS)  
Dual Realtek 8100BL Ethernet chipsets (NOVA-C400R-RS)
- ◆ **I/O Interface**  
3 x RS-232  
1 x RS-232/422/485  
1 x LPT  
1 x IrDA  
4 x USB 2.0 and 2 x USB 1.1 (By pin-header)  
2 x IDE  
1 x PS/2 for KB/MS  
1 x FDD  
1 x CF Type II
- ◆ **Expansions**  
1 x PC/104+ (PCI and ISA bus)  
1 x PCI
- ◆ **Audio**  
Realtek ALC655 with AC'97 codec
- ◆ **Digital I/O**  
8-bit digital I/O, 4-input and 4-output
- ◆ **Super I/O**  
W83877
- ◆ **Display Interface**  
On-chip ProSavage™ VGA controller  
18-bit dual channel 18-bit LVDS  
NTSC/ PAL TV-Out
- ◆ **Watchdog Timer**  
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**  
AT/ ATX power supply
- ◆ **Power Consumption**  
5V@3.6A, 12V@500mA (512MB SDRAM)
- ◆ **Temperature**  
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimensions**  
203mm x 146mm
- ◆ **Weight**  
GW: 800g / NW: 300g

## Dimensions



## Packing List

1 x NOVA-C400-RS-R20 Single Board Computer
4 x RS-232 Cable (P/N: 32200-000049-RS)
1 x IDE Flat Cable (P/N: 32200-000052-RS)
1 x VGA Cable (P/N: 32000-033800-RS)
1 x KB/MS Y Cable (P/N: 32000-000138-RS)
1 x Audio Cable (P/N: 32000-028800-RS)
1 x USB Cable (P/N: 32000-044300-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
NOVA-C400N-RS-R20	5.25" SBC, ULV Intel® Celeron® 400MHz CPU Board with VGA/LVDS, USB 2.0, Dual Intel® LAN and Audio
NOVA-C400R-RS-R20	5.25" SBC, ULV Intel® Celeron® 400MHz CPU Board with VGA/LVDS, USB 2.0, Dual Realtek LAN and Audio
32200-000009-RS	IDE Flat Cable 44p/44p
32200-000017-RS	FDD Cable
32200-015100-RS	LPT Cable
19800-000056-RS	TV-Out Cable
32200-026500-RS	RS-232/422/485 Cable