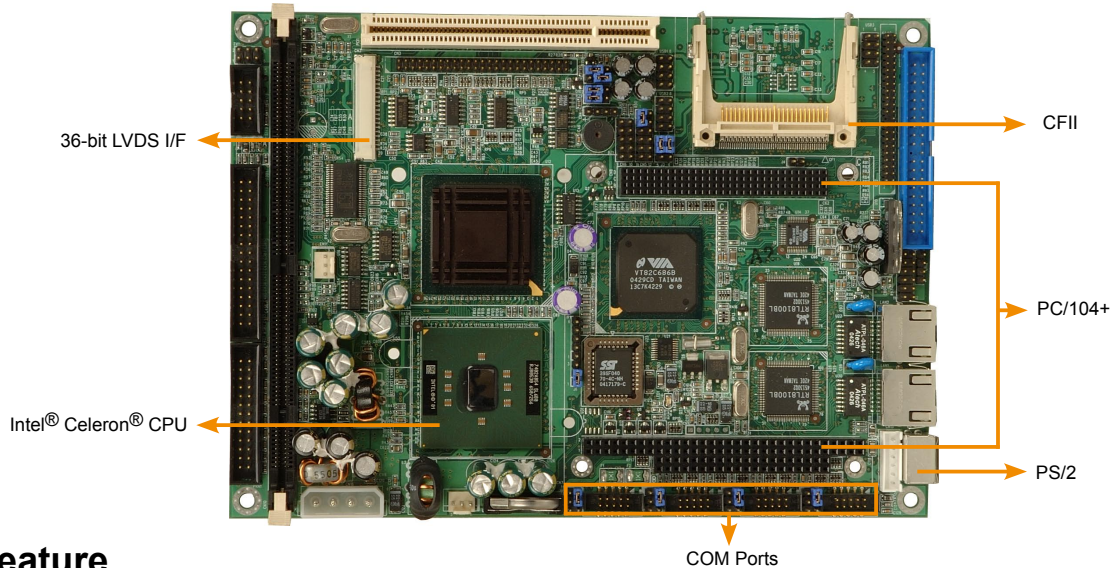


# NOVA-C400N/R-RS

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



## Feature

1. Embedded ULV Intel® Celeron® 400MHz CPU
2. CRT/LCD integrated in VT8606, support 36-bit LVDS/TTL, TV-Out
3. 2 x PC133 SDRAM support up to 512MB
4. Support 1x PCI and (ISA+PCI), PC/104+ extension slots
5. CFII, Dual LAN, USB2.0, Multi-COM, Audio integrated

## Specification

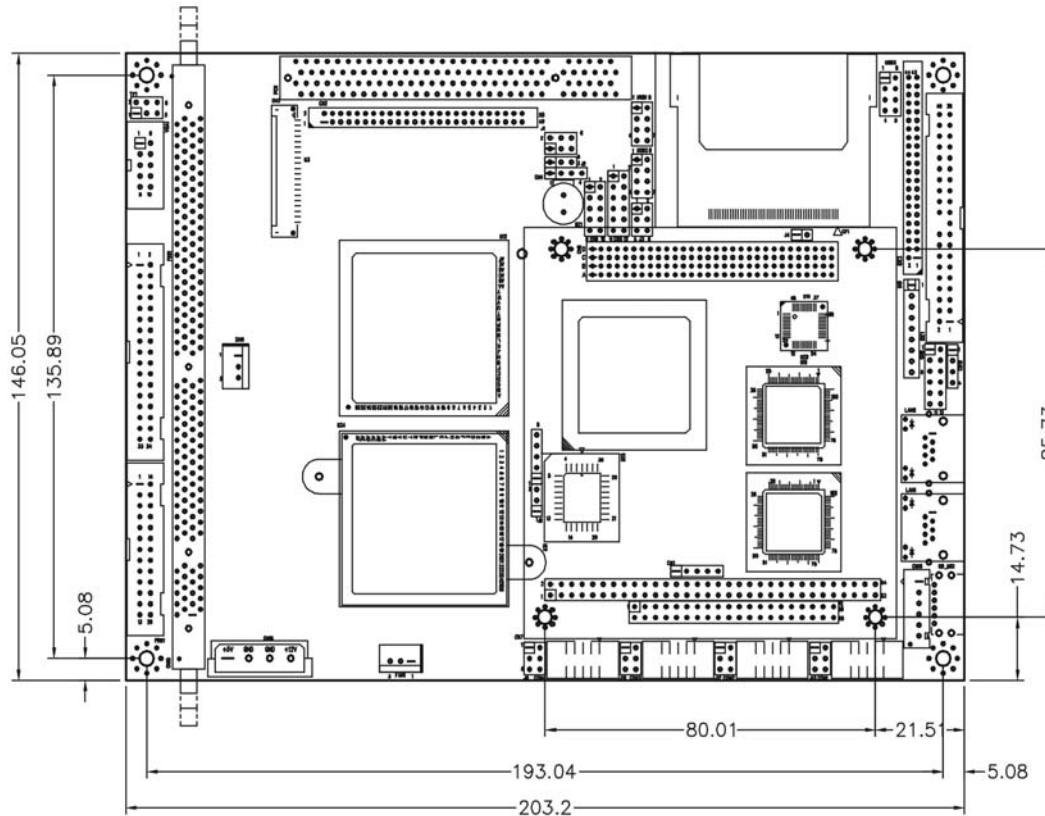


- ◆ **CPU**  
Ultra Low Voltage Intel® Celeron® 400MHz
- ◆ **System Chipset**  
VIA VT8606T (PN133T) + VT82C686B
- ◆ **BIOS**  
AMI Flash BIOS
- ◆ **System Memory**  
1 x PC100/133 SDRAM up to 512MB
- ◆ **Ethernet**  
Dual 10/100Mbps Intel 82551 Fast Ethernet controller (NOVA-C400N-RS)  
Dual 10/100Mbps Realtek 8100BL Fast Ethernet controller (NOVA-C400R-RS)
- ◆ **I/O**  
3 x RS-232 serial port  
1 x RS-232/422/485 port by pin header  
1 x LPT parallel port by pin-header (Supports SPP/EPP/ECP mode)  
1 x IrDA (SIR mode)  
4 x USB 2.0 and 2 x USB 1.1 ports by pin-header  
2 x ATA/100 IDE channel, supports CD-ROM, ZIP and LS-120 drive bootable (IDE 1: 40-pin, IDE 2: 44-pin)  
1 x PS/2 for Keyboard / Mouse  
1 x FDD connector, support 1.44 / 2.88 and 3-mode floppy drive  
1 x CFII
- ◆ **Extension**  
1 x PC/104+
- ◆ **Audio**  
AC'97 compliant Audio CODEC
- ◆ **Digital I/O**  
TTL Level 4-input and 4-output
- ◆ **Super I/O**  
W83877
- ◆ **Display**  
– On-chip ProSavage™ VGA controller  
– Bus: AGP 4X  
– V-RAM: Shared with system memory up to 32MB (SMA Technology)  
– Resolution: Up to 1920 x 1440 CRT display  
– Connector: DB-15 for CRT display  
– LCD: DF 14-20F for 36-bit LVDS and 1 x 50-pin by pin-header for TTL  
– TV-Out: Both NTSC and PAL output signal are supported
- ◆ **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 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**  
203 mm x 146 mm
- ◆ **Weight**  
GW: 800 g; NW: 300 g

## RoHS Compliance

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

## Dimension



## Packing List

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

## Ordering Information

Part No.	Description
NOVA-C400N-RS-R20	5.25" ULV Intel® Celeron® 400MHz CPU Board, with VGA/LCD, USB 2.0, Dual Intel® LAN & Audio
NOVA-C400R-RS-R20	5.25" ULV Intel® Celeron® 400MHz CPU Board, with VGA/LCD, USB 2.0, Dual Realtek LAN & Audio
CF-521-RS	CPU Cooler
32200-000009-RS	IDE Flat Cable 44p/44p
32200-000017-RS	FDD Cable
32200-015100-RS	LPT Cable
32200-026500-RS	RS232/422/485 Cable



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