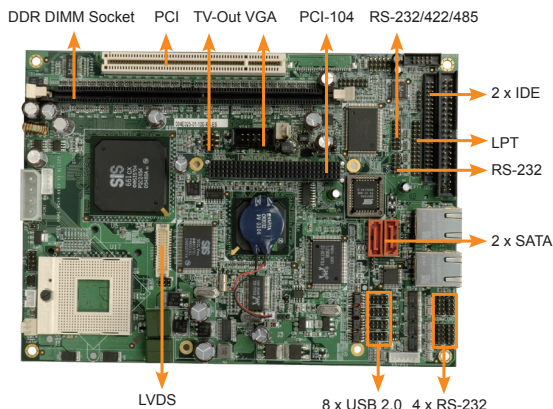
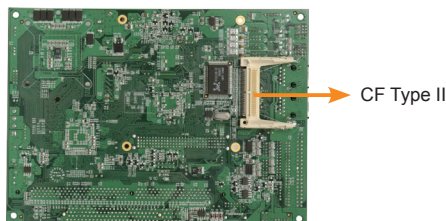


# NOVA-6612G2

5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA, LVDS/TV-Out, Dual GbE, SATA and Audio



## Solder Side



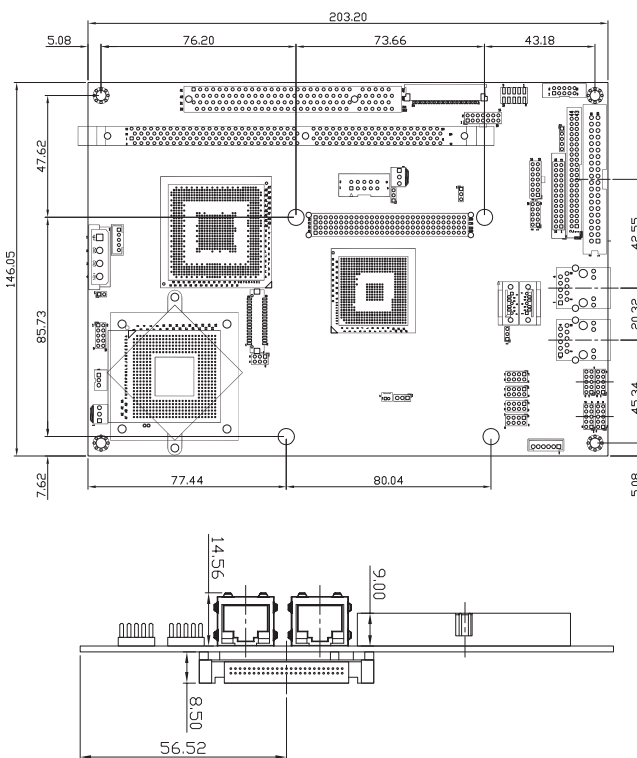
## Specifications

- ◆ **CPU**  
Socket 479 Intel® Pentium® M 533MHz/ Celeron® M 400MHz FSB (Dothan & Banias core) support up to 2.26GHz
- ◆ **System Chipset**  
SiS® 661CX + SiS® 964
- ◆ **BIOS**  
AMI BIOS
- ◆ **System Memory**  
1 x 184-pin DDR 400/333MHz up to 1GB
- ◆ **Ethernet**  
Dual RTL8110SC GbE chipsets
- ◆ **I/O Interface**  
2 x SATA  
2 x IDE  
1 x LPT  
1 x PS/2 for KB/MS  
5 x RS-232  
1 x RS-232/422/485  
8 x USB 2.0  
1 x CF Type II
- ◆ **Expansions**  
1 x PCI-104(PCI Bus)  
1 x PCI
- ◆ **Audio**  
Realtek ALC655 with AC'97 codec
- ◆ **Digital I/O**  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ **IrDA**  
By super I/O
- ◆ **Super I/O**  
W83697HG
- ◆ **Display Interface**  
VGA integrated in SiS® 661CX  
24-bit Dual channel LVDS integrated in SiS® 302LV  
TV-Out by SiS® 302LV
- ◆ **Watchdog Timer**  
Software programmable support 1-255 sec. system reset
- ◆ **Power Supply**  
AT/ATX support
- ◆ **Power Consumption**  
5V@4.61A, 12V@1.3A  
(Intel® Celeron® M 1.6G with DDR 400MHz, 1GB RAM)
- ◆ **Temperature**  
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**  
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimensions**  
203mm x 146mm
- ◆ **Weight**  
GW: 1000g / NW: 280g

## Features

1. Intel® Pentium® M/Celeron® M CPU support up to 533/400MHz FSB
2. DDR 400/333MHz SDRAM support up to 1GB
3. Dual independent display
4. 8 x USB, 2 x SATA

## Dimensions



## Packing List

- 1 x NOVA-6612 Single Board Computer
- 1 x IDE Flat Cable 40P/40P/40P (P/N: 32200-000052-RS)
- 1 x KB/MS Cable (P/N: 32000-023800-RS)
- 1 x Audio Cable (P/N: 32000-072100-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 1 x USB Cable (P/N: 32000-070300-RS)
- 4 x RS-232 Cable (P/N: 32200-000049-RS)
- 1 x VGA Cable (P/N: 32000-033800-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
NOVA-6612G2-R10	5.25" SBC, Intel® Pentium® M/ Celeron® M CPU 400/533MHz FSB, LVDS/TV-Out, Dual GbE, SATA and Audio
CF-479B-RS	CPU Cooler
19800-000056-RS	TV-Out Cable
32100-052100-RS	ATX Power Cable
32200-026500-RS	RS-232/422/485