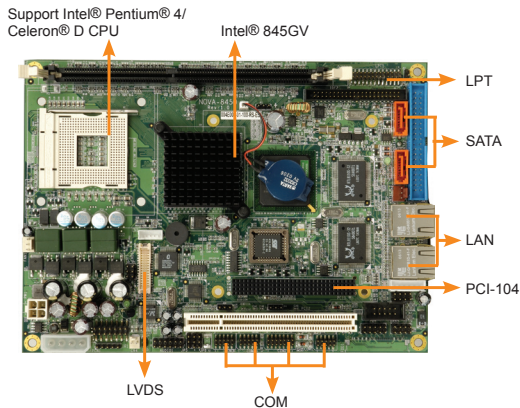
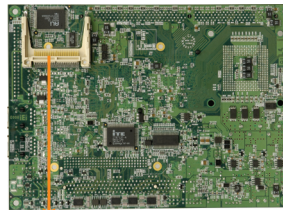


NOVA-8450G2

5.25" SBC, Socket 478 Celeron® D 533MHz FSB CPU Board with
VGA/LVDS, Dual GbE, SATA, RAID Function and USB 2.0



Solder Side



CF Type II



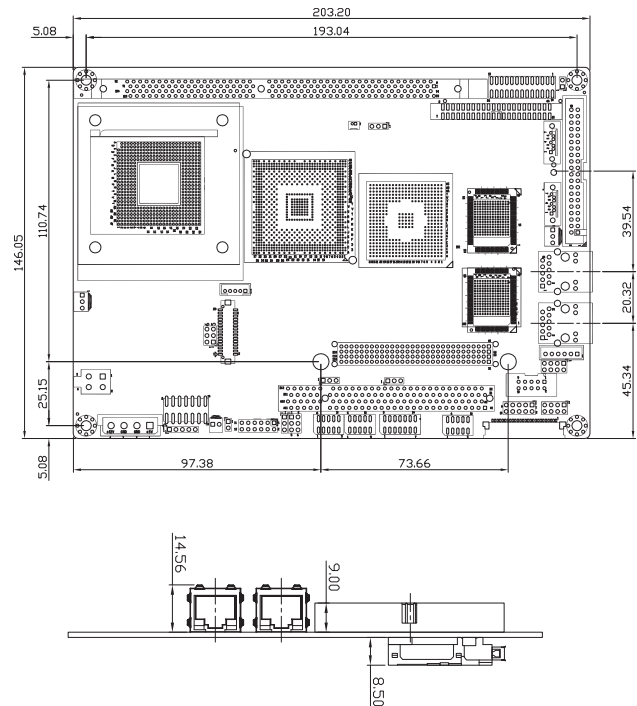
Specifications

- ◆ **CPU**
Socket 478 Intel® Pentium® 4/ Celeron® D with 533/400 MHz FSB up to 2.8GHz
- ◆ **System Chipset**
Intel® 845GV + ICH4
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
1 x 184-pin DDR 333MHz up to 1GB
- ◆ **Ethernet**
Dual RTL8110SC GbE chipsets
- ◆ **I/O Interface**
2 x SATA with ALI M5283 RAID 0,1 function support
4 x USB 2.0
3 x RS-232
1 x RS-232/422/485
1 x PS/2 + 5 pins for Keyboard
2 x IDE
1 x LPT
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**
IT8712F-A/IXS
- ◆ **Display Interface**
VGA integrated in Intel® 845GV
24-bit dual channel LVDS by CH7305
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
AT/ATX support
- ◆ **Power Consumption**
5V@2.9A, 12V@1.1A
(Intel® Celeron® D 2.4G with DDR 266MHz, 256MB RAM)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimensions**
203mm x 146mm
- ◆ **Weight**
GW: 1100g / NW: 500g

Features

1. Intel® Pentium® 4 Prescott/ Celeron® D with HT support
2. VGA integrated in i845GV, 24-bit dual channel LVDS by CH7305
3. One DDR 333MHz supports up to 1GB
4. Support PCI-104 expansion slot
5. CF Type II, Dual LAN, USB2.0, Multi-COM, Audio and SATA integrated

Dimensions



Packing List

1 x NOVA-8450 Single Board Computer
1 x ATA66/100 IDE Cable (P/N: 32200-000052-RS)
1 x ATA33 IDE Cable (P/N: 32200-000009-RS)
1 x KB/PS2 Mouse Y Cable (P/N: 32000-043301-RS)
1 x Audio Cable (P/N: 32000-028800-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x VGA Cable (P/N: 32000-033800-RS)
3 x RS-232 Cable (P/N: 32200-000049-RS)
1 x RS-232/422/485 Cable (P/N: 32200-000061-RS)
1 x USB Cable (P/N: 32000-044300-RS)
1x Power Cable (P/N: 32100-087100-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
NOVA-8450G2-R10	5.25" SBC, Intel® Pentium® 4 Prescott/ Celeron® D processor FSB 533MHz, VGA, LVDS, Dual GbE, SATA and Audio
CF-521-RS	CPU Cooler
CF-522-RS	Low-Pprofile CPU Cooler
32200-015100-RS	LPT Cable