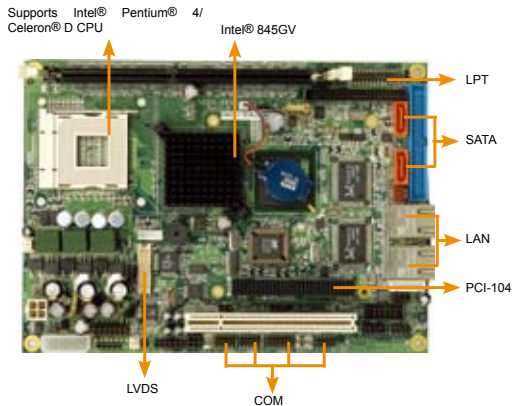
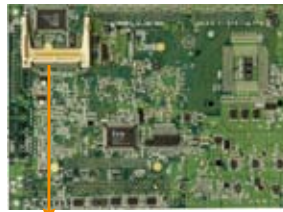


NOVA-8450G2

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



CF-521

FSB 533

DDR333



Specifications

- ◆ CPU
Socket 478 Intel® Pentium® 4, Celeron® D, Celeron® processor with a 533/400MHz FSB
- ◆ System Chipsets
Intel® 845GV + ICH4
- ◆ BIOS
AMI BIOS
- ◆ System Memory
One 184-pin 333MHz DDR SDRAM DIMM supported (system max. 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 pin 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
- ◆ Infrared Interface
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 DDR266MHz, 256MB RAM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions
203 mm x 146 mm
- ◆ Weight
GW: 1100 g; NW: 500 g

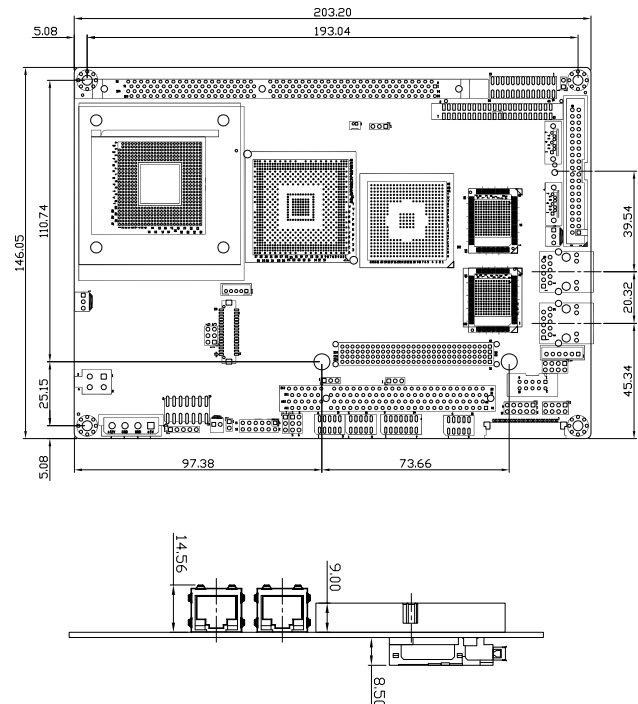
Packing List

- 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)
- 1 x Power Cable (P/N: 32100-087100-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

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, USB 2.0, Multi-COM, Audio and SATA integrated

Dimensions (mm)



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 profile CPU Cooler
32200-015100-RS	LPT cable

1
Application
Server
Platform2
Single
Board
Computer3
IBX Series
POS PC4
AFOLUX
POS
Panel PC5
Video
Capture
Card6
KAMIO
RISC7
IOVU
Open HMI8
VITO
Universal
Controller9
DINO
BLADE10
LCD
Product
Series11
Embedded
System12
Industrial
Computer
Chassis13
Power
Supply14
Peripherals