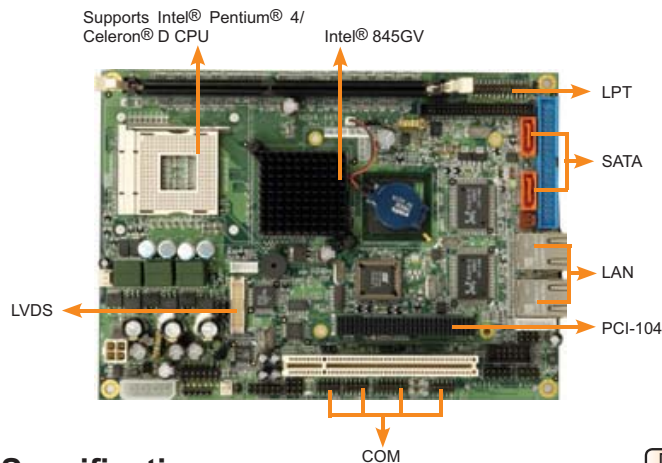
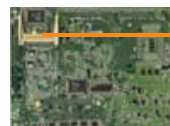


NOVA-8450G2

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



Solder Side



CFII



47mm

CF-521

Feature

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

Specification

DDR266



- ◆ **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 for GbE
- ◆ **I/O**
2 x SATA-150 with ALI M5283 RAID 0,1 function support
4 x USB 2.0
1 x CFII
3 x RS-232,
1 x RS-232/422/485
1 x PS/2 + 5 pin for Keyboard
2 x IDE
1 x LPT
- ◆ **Expansion**
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 input / 4 output by super I/O
- ◆ **IrDA**
By super I/O
- ◆ **Super I/O**
IT8712F-A/IXS
- ◆ **Display**
CRT integrated in Intel® 845GV
LVDS
Dual channel 24-bit LVDS by CH7305
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
+5V/+12V, AT/ATX support
- ◆ **Power Consumption**
+5V@2.9A, +12V@1.1A
(Intel® Celeron® D 2.4G with DDR 266MHz, 256MB RAM)
- ◆ **Temperature**
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**
203 mm x 146 mm
- ◆ **Weight**
GW: 1100 g; NW: 500 g

Packing List

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

Ordering Information

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