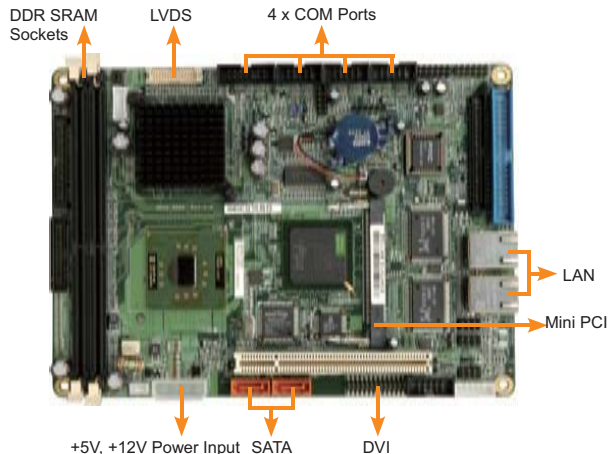
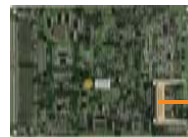


NOVA-8522G2

5.25" Intel® Pentium® M/ Celeron® M CPU with CRT, LVDS, VGA, Dual GbE, USB2.0 and Audio



Solder Side



CFII

Feature

1. Intel® Pentium® M/ Celeron® M CPU with 400MHz FSB
2. CRT/LCD VGA integrated in i852GM support dual channel 18-bit LVDS
3. Support independent dual display
4. Two DDR 266 support up to 2GB
5. Support PCI and mini PCI
6. CFII, LAN, USB2.0, COM and Audio integrated

Specification



- ◆ **CPU**
Intel® Celeron® M 1GHz/800MHz zero cache CPU on board
Socket 479 Intel® Pentium® M/Celeron M support 400 MHz FSB up to 2.10GHz
- ◆ **System Chipset**
Intel® 852GM + ICH4
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
2 x 184-pin DDR 266MHz up to 2GB
- ◆ **Ethernet**
Dual RTL8110SC GbE
- ◆ **I/O**
2 x IDE
2 x SATA-150 with SIL3512 RAID 0, 1 function support
1 x FDD
1 x LPT
1 x PS/2 for KB/MS
3 x RS-232
1 x RS-232/422/485
6 x USB 2.0
- ◆ **Audio**
Realtek ALC655 with AC'97 codec
- ◆ **Expansion**
1 x PCI
1 x Mini PCI
- ◆ **Digital I/O**
8 bit digital I/O, 4 input / 4 output by super I/O
- ◆ **IrDA**
By pin header (SIR mode)
- ◆ **Super I/O**
W83627HG
- ◆ **Display**
CRT integrated in Intel® 852GM
LVDS
Dual channel 18-bit LVDS integrated in Intel® 852GM
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
+5V/+12V, AT/ATX support
- ◆ **Power Consumption**
+5A@4.10A, +12V@2.36A
(Intel® Celeron® M 1.6G, 400MHz with 2 x DDR333 512MB RAM) -- 3D Mark
- ◆ **Temperature**
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**
203 mm x 146 mm
- ◆ **Weight**
GW: 1000 g; NW: 400 g

Packing List

1 x NOVA-8522 Single Board Computer	3 x 2.54 Pitch RS-232 w/o BK Cable (P/N: 32200-000015-RS)
1 x IDE Flat Cable 40P/40P/40P (P/N: 32200-000052-RS)	1 x RS-232/422/485 w/o BK Cable (P/N: 32200-000063-RS)
1 x 2.54 Pitch KB/PS2 Mouse Cable (P/N: 32000-043301-RS)	1 x 2.54 Pitch USB w/o BK Cable (P/N: 32000-044300-RS)
1 x 2.54 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-8522G2-R10	5.25" SBC, Intel® Pentium® M/ Celeron® M Processor FSB 400, Dual GbE, SATA and Audio
NOVA-8522G2-800Z-R10	5.25" SBC, Intel® Celeron® M 800MHz Zero Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2-DVI-R10	5.25" SBC, Intel® Pentium® M/ Celeron® M Processor FSB 400, Dual GbE, SATA, Audio and DVI Function
NOVA-8522G2-800Z-DVI-R10	5.25" SBC, Intel® Celeron® M 800MHz Zero Cache Processor, Dual GbE, SATA, Audio and DVI Function
NOVA-8522G2-1GZ-R10	5.25" SBC, Intel® Celeron® M 1GHz Zero Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2-1GZ-DVI-R10	5.25" SBC, Intel® Celeron® M 1GHz Zero Cache Processor, Dual GbE, SATA, Audio and DVI Function
CF-479B-RS	CPU Cooler
32200-000058-RS	FDD Cable
32200-015100-RS	LPT Cable
32100-052100-RS	ATX Power Cable