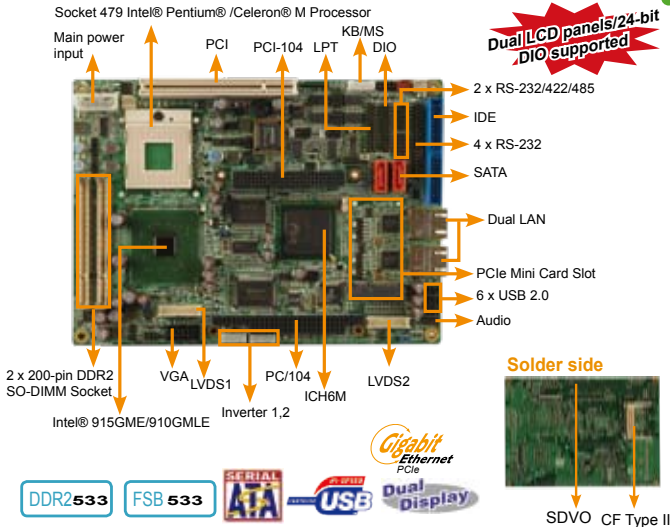
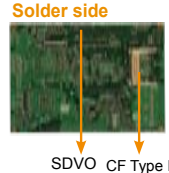


NOVA-9152/9102

5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA/ LVDSx2, Dual PCIe GbE, USB 2.0, SATA and Audio



Dual LCD panels/24-bit DIO supported



Features

1. Intel® Pentium® M / Celeron® M with 533/400 MHz FSB
2. Dual-channel DDR2 533/400 MHz up to 2GB
3. Support VGA, dual-channel 18-bit/ 24-bit LVDS with dual display support
4. 4 x RS-232, 6 x USB 2.0, 2 x RS-232/422/485 and 2 x SATA
5. Supports 24-bit digital I/O

Specifications

- ◆ CPU: Socket 479 Intel® Pentium® M, Celeron® M processor with a 533/400 MHz FSB
- ◆ On board Intel® Celeron® M 1GHz zero cache or 1GHz 512KB cache processor
- ◆ System Chipset: Intel® 915GME + ICH6-M, Intel® 910GML + ICH6-M
- ◆ BIOS: AMI Flash BIOS
- ◆ System Memory: Two 200-pin 533/400MHz DDR2 SDRAM SO-DIMM supported (NOVA-9152 system max. 2GB), Two 200-pin 400MHz DDR2 SDRAM SO-DIMM supported (NOVA-9102 system max. 2GB)
- ◆ Ethernet: Dual Realtek RTL8111CP GbE controller
- ◆ I/O Interface: 4 x RS-232, 2 x RS-232/422/485, 6 x USB 2.0, 2 x SATA, 1 x IDE, 1 x LPT, 1 x 6-pin header for KB/MS
- ◆ Expansions: 1 x PCI, 1 x PCIe Mini Card slot, 1 x PC/104+
- ◆ Digital I/O: 24-bit digital I/O, 12-bit input/ 12-bit output
- ◆ Infrared Interface by pin header
- ◆ Super I/O: Winbond W83627EHG
- ◆ Display Interface: VGA Integrated in Intel® 915GME/910GML 1st: Dual-channel 18/24-bit LVDS by Intel® 915GME/910GML (NOVA-9152/9102 series) 2nd: Dual-channel 18/24-bit LVDS by Chrontel CH7308 via SDVO bus (NOVA-9152LVDS2 only)
- ◆ Optimal External Audio kit: 5.1 channel audio kit with Realtek ALC655 AC'97 codec
- ◆ SSD: CF Type I/II
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: AT/ATX Power
- ◆ Power Consumption: 12V@1.43A, 5V@ 0.505A (Intel® Pentium® M 2.0GHz CPU with 1GB DDR2 400 MHz)
- ◆ Temperature: Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity: Operating: 5% ~95 non-condensing
- ◆ Dimensions: 203 mm x 146 mm
- ◆ Weight: GW: 1100 g / NW: 400 g

Packing List

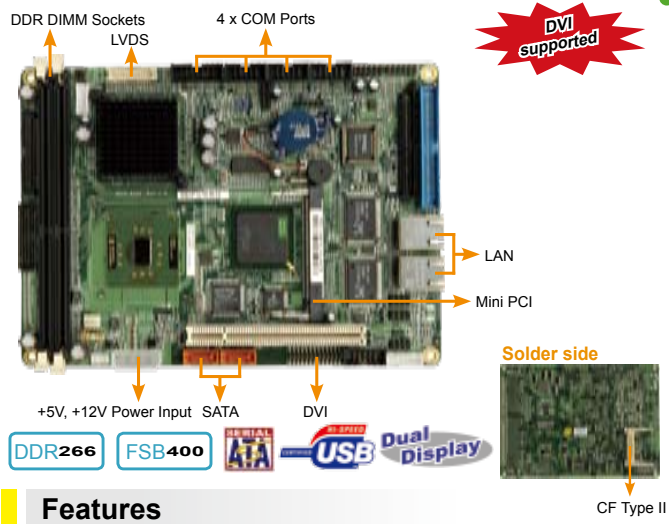
1 x NOVA-9152/NOVA-9102 Single board computer	1 x Mini Jumper Pack
1 x ATA66 Flat cable (P/N: 32200-000052-RS)	2 x SATA cable (P/N: 32000-0628000-RS)
1 x SATA Power cable (P/N: 32100-088600-RS)	1 x VGA cable (P/N: 32000-033800-RS)
1 x KB/MS Y cable (P/N: 32000-023800-RS)	1 x USB cable (P/N: 32000-044300-RS)
1 x 4 ports RS-232 Adapter cable (P/N: 32100-147900-RS)	
1 x Utility CD	1 x QIG

Ordering Information

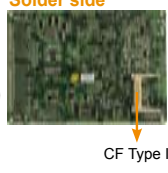
Part No.	Description
NOVA-9152-R10	5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA/ LVDS, Dual PCIe GbE, USB 2.0, SATA and Audio
NOVA-9152LVDS2-R10	5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA/ LVDSx2, Dual PCIe GbE, USB 2.0, SATA and Audio
NOVA-9102-1GZ-R10	5.25" SBC with Intel® Celeron® M 1GHz zero cache CPU with VGA/ LVDS, Dual PCIe GbE, USB 2.0, SATA and Audio
NOVA-9102-1G512-R10	5.25" SBC with Intel® Celeron® M 1GHz 512KB cache CPU with VGA/ LVDS, Dual PCIe GbE, USB 2.0, SATA and Audio
IO-KIT-4COM-R10	4 COM Ports Adapter Board
CF-479B-RS	CPU cooler
32200-015100-RS	LPT cable
32100-052100-RS	ATX power cable
32200-026500-RS	RS-232/422/485 cable
AC-KIT08R-R10	5.1 channel AC'97 Audio Kit with Realtek ALC655 codec

NOVA-8522G2-R11

5.25" SBC, Intel® Pentium® M/ Celeron® M CPU with VGA/LVDS, VGA, Dual GbE, USB 2.0 and Audio



DVI supported



Features

1. Intel® Pentium® M/ Celeron® M CPU with 400 MHz FSB
2. VGA integrated in Intel® 852GM and dual-channel 18-bit LVDS support
3. Independent dual display support
4. Dual DDR266 MHz support up to 2GB
5. Support PCI and mini PCI
6. CF Type II, LAN, USB 2.0, COM and Audio integrated

Specifications

- ◆ CPU: Socket 479 Intel® Pentium® M, Celeron® M processor with a 400MHz FSB
- ◆ On board Intel® Celeron® M 600MHz 512KB or 1GHz zero cache processor
- ◆ System Chipset: Intel® 852GM + ICH4
- ◆ BIOS: AMI BIOS
- ◆ System Memory: Two 184-pin 266/200 MHz DDR SDRAM DIMM supported (system max. 2GB)
- ◆ Ethernet: Dual RTL8110SC GbE chipsets or Dual Intel® 82541PI GbE chipset
- ◆ I/O Interface: 2 x IDE, 2 x SATA 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, 1 x CF Type II
- ◆ Audio: Realtek ALC655 with AC'97 codec
- ◆ Expansions: 1 x PCI, 1 x Mini PCI
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Infrared Interface: By pin header (SIR mode)
- ◆ Super I/O: W83627HG
- ◆ Display Interface: VGA integrated in Intel® 852GM 18-bit dual-channel LVDS, DVI by Chrontel CH7301
- ◆ Watchdog Timer: Software programmable supports 1-255 sec. system reset
- ◆ Power Supply: AT/ATX support
- ◆ Power Consumption: 5A@4.10A, +12V@2.36A (Intel® Celeron® M 1.6G, 400 MHz with 2 x DDR333 512MB RAM)
- ◆ Temperature: Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity: Operating: 5% ~ 95%, non-condensing
- ◆ Dimensions: 203 mm x 146 mm
- ◆ Weight: GW: 1000 g; NW: 400 g

Packing List

1 x NOVA-8522 Single board computer	1 x KB/PS2 Mouse Cable (P/N: 32000-043301-RS)
1 x IDE Flat cable 40P/40P/40P (P/N: 32200-000052-RS)	1 x IO-KIT-001A-R20 (DVI model only)
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 Single RS-232 Cable (P/N: 32200-000015-RS)	1 x RS-232/422/485 Cable (P/N: 32200-000063-RS)
1 x Pitch USB Cable (P/N: 32000-044300-RS)	1 x Mini Jumper Pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
NOVA-8522G2-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual GbE, SATA and Audio
NOVA-8522G2-600-R11	5.25" SBC Intel® Celeron® M 600MHz 512K Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2-1GZ-R11	5.25" SBC, Intel® Celeron® M 1GHz Zero Cache Processor, Dual GbE, SATA and Audio
NOVA-8522G2-DVI-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual GbE, SATA, Audio and DVI Function
NOVA-8522G2-600-DVI-R11	5.25" SBC, Intel® Celeron® M 600MHz 512K Cache Processor, Dual GbE, SATA, Audio and DVI Function
NOVA-8522G2-1GZ-DVI-R11	5.25" SBC, Intel® Celeron® M 1GHz Zero Cache Processor, Dual GbE, SATA, Audio and DVI Function
NOVA-8522G2N-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual GbE, SATA and Audio
NOVA-8522G2N-DVI-R11	5.25" SBC Intel® Pentium® M/ Celeron® M Processor FSB 400 MHz, Dual Intel® 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

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/ Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/ Network Communication/ Peripherals