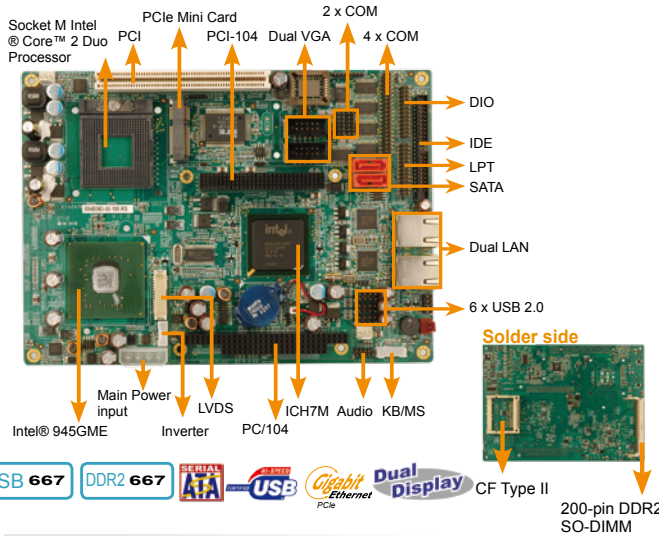


NOVA-9452-R20



5.25" SBC, Intel® Core™2 Duo CPU SBC with Dual VGA, LVDS, Dual PCIe GbE, USB 2.0 and SATA



Features

1. Intel® Core™2 Duo CPU with 667 MHz FSB
2. Single-channel DDR2 400/533/667 MHz up to 2GB
3. Supports dual VGA, 24-bit Dual-channel LVDS with dual display support
4. Supports 6 x RS-232, 6 x USB 2.0 and 2 x SATA
5. Supports 24-bit digital I/O
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU: Socket M Intel® Core™2 Duo, Core™ Duo/ Solo processor with 667 MHz FSB or Celeron® M processor with a 533 MHz FSB (Yonah Core)
- ◆ System Chipset: Intel® 945GME + ICH7M
- ◆ BIOS: AMI Flash BIOS
- ◆ System Memory: One 200-pin 667/533/400 MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet: Dual Broadcom BCM5787M PCIe GbE chipset
- ◆ 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 KB/MS (by pin header)
- ◆ Expansions: 1 x PCI, 1 x PCIe Mini card slot, 1 x PC/104 + (ISA+PCI bus)
- ◆ Digital I/O: 24-bit digital I/O, 12-bit input/ 12-bit output
- ◆ Infrared Interface: by super I/O
- ◆ Super I/O: ITE IT8712F
- ◆ Display Interface: VGA output is integrated in the Intel® 945GME 24-bit dual-channel LVDS Dual independent display over any two video outputs
- ◆ Optional External Audio Kits: 5.1 channel audio kit with Realtek ALC655 AC'97 codec, 7.1 channel HD audio kit with Realtek ALC883 codec supports dual audio streams
- ◆ SSD: CompactFlash® Type I/II
- ◆ Watchdog Timer: Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply: AT/ATX Power
- ◆ Power Consumption: 5V@3.81A, 12V@2.42A (Intel® Core™2 Duo T7400 2.16GHz/667 MHz CPU with 512MB DDR2 667 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: 850 g / NW: 290 g

Packing List

1 x NOVA-9452 single board computer	
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)	2 x SATA cable (P/N: 32000-062800-RS)
1 x Mini jumper pack	1 x VGA cable (P/N: 32000-033800-RS)
1 x SATA power cable (P/N: 32102-000100-100/200-RS)	1 x Quad ports RS-232 Adapter cable (P/N: 32100-147900-RS)
1 x KB/MS Y cable (P/N: 32000-023800-RS)	1 x USB cable (P/N: 32000-044300-RS)
1 x Utility CD	1 x QIG

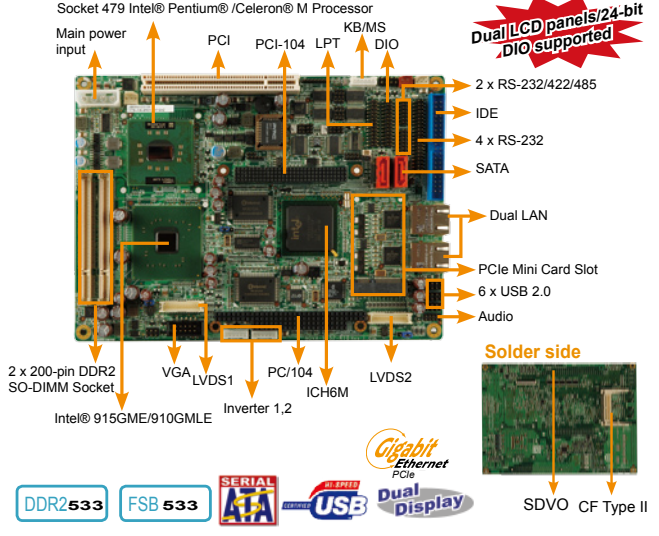
Ordering Information

Part No.	Description
NOVA-9452-R20	5.25" SBC, Intel® Core™2 Duo CPU with VGA, LVDS, Dual PCIe GbE, USB 2.0 and SATA
AC-KIT08R-R10	5.1 channel AC'97 audio Kit with Realtek ALC655 codec
AC-KIT883HD-R10	7.1 channel HD audio kit with realtek ALC883 codec and dual audio streams
IO-KIT-4COM-R10	4 COM ports adapter board
CF-479B-RS	CPU cooler (50 mm x 50 mm x 26 mm, 50W)
32200-000017-RS	LPT cable
32200-026500-RS	RS-232/422/485 cable

NOVA-9102



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



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
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU: On board Intel® Celeron® M 1GHz zero cache or 1GHz 512KB cache processor
- ◆ System Chipset: Intel® 910GML + ICH6-M
- ◆ BIOS: AMI Flash BIOS
- ◆ System Memory: Two 200-pin 400MHz DDR2 SDRAM SO-DIMM supported (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
- ◆ 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® 910GML Dual-channel 18/24-bit LVDS by Intel® 910GML
- ◆ Optional 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@0.33A, 5V@ 3.21A(Intel® Celeron® M 1GZ 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-9102 single board computer	
1 x Quad ports RS-232 adapter cable (P/N: 32100-147900-RS)	
1 x SATA power cable (P/N: 32102-000100-100/200-RS)	
2 x SATA cable (P/N: 32000-062800-RS)	1 x Mini jumper pack
1 x ATA66 flat cable (P/N: 32200-000052-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 Utility CD	1 x QIG

Ordering Information

Part No.	Description
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
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