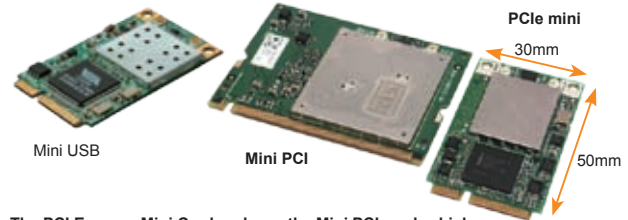
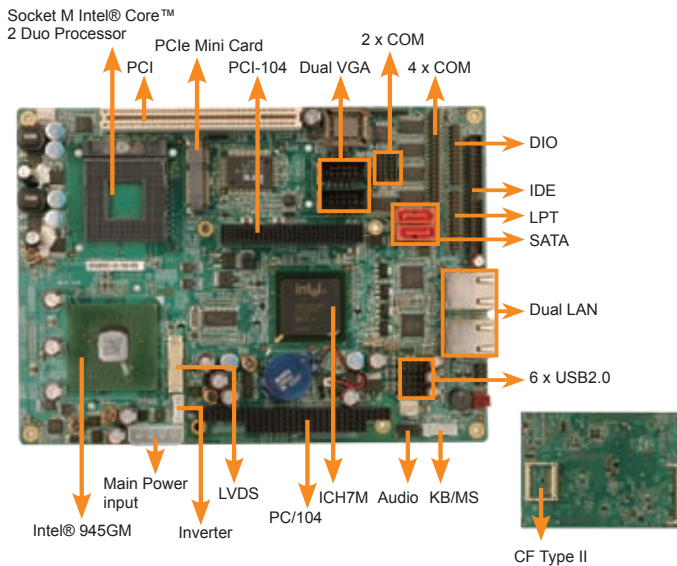


NOVA-9452

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



The PCI Express Mini Card replaces the Mini PCI card, which is a small internal card functionally identical to standard desktop computer PCI cards. The PCI Express Mini Card is half the size of the Mini PCI card.

Benefit

1. Half the size of Mini-PCI
2. Compatible with Mini USB
3. Higher bandwidth interface
4. Rigid mechanical spec.



Specifications

- ◆ CPU
Socket M Intel® Core™2 Duo, Core™ Duo/Solo with 677MHz FSB or Intel® Celeron® M 533MHz FSB (Yonah Core)
- ◆ System Chipset
Intel® 945GM + ICH7M
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
1 x 200-PIN Single channel DDRII 400/533/667 MHz up to 2GB
- ◆ Ethernet
Dual Broadcom BCM5787M PCIe GbE chipsets
- ◆ 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)
- ◆ Expansion
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
- ◆ IrDA
by super I/O
- ◆ Super I/O
ITE IT8712F-S
- ◆ Display Interface
1st VGA output Integrated in Intel® 945GM
2nd VGA through SDVO by Chronitel CH7317A(NOVA-9452VGA-R10 only)
Dual display independent by VGA1+VGA2 or VGA1+LVDS or VGA2+LVDS
18-bit Dual channel LVDS
- ◆ Audio
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
CF 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/667MHz CPU with 512MB DDR2 667MHz)
- ◆ Temperature
operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
operation: 5% ~95%non-condensing
- ◆ Dimension
203mm x 146mm
- ◆ Weight
GW: 850 g / NW: 290 g

Features

1. Intel® Core™2 Duo CPU with 667MHz FSB
2. Single channel DDRII 400/533/667 MHz up to 2GB
3. Support Dual VGA, 18-bit Dual Channels LVDS with dual display support
4. 6 x RS-232, 6 x USB 2.0 and 2 x SATA
5. 24-bit digital I/O

Packing List

1 x NOVA-9452 Single Board Computer
1 x Mini Jumper Pack
1 x IDE flat cable 44p/44p (P/N: 32200-000009-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
2 x VGA Cable (P/N: 32000-033800-RS)
1 x KB/MS Y cable (P/N: 32000-023800-RS)
2 x RS-232/422/485 cable (P/N: 32200-026500-RS)
1 x 4 Ports RS-232 Adapter cable (P/N:32100-147900-RS)
3 x USB Cable (P/N: 32000-044300-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
NOVA-9452-R10	5.25" SBC, Intel® Core™2 Duo CPU with VGA, LVDS, Dual PCIe GbE, USB 2.0 and SATA
NOVA-9452VGA-R10	5.25" SBC, Intel® Core™2 Duo CPU with Dual 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-KIT-883HD-R10	7.1 channel HD Audio Kit with Realtek ALC883 codec support dual audio streams
IO-KIT-4COM-R10	4 COM Ports Adapter Board
CF-479B-RS	CPU Cooler (50mm x 50mm x 26mm, 50W)
32200-00017-RS	LPT cable