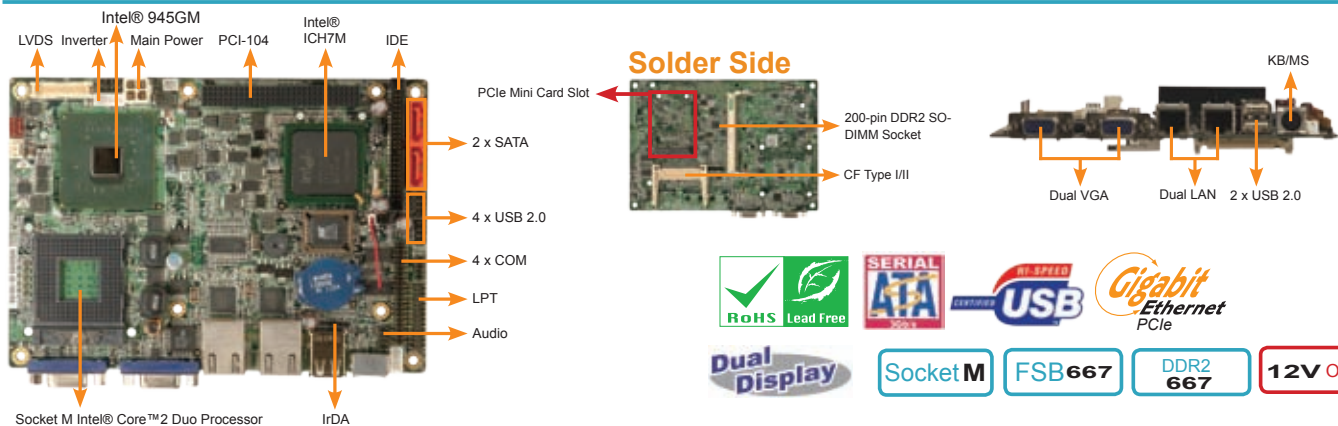


# epic NANO-9453

EPIC with Intel® Core™2 Duo Processor, Dual VGA, SATA, Dual PCIe GbE, CF Type I/II, IDE & USB 2.0



## Specifications

- ◆ CPU  
Socket M Intel® Core™2 Duo, Core™ Duo/Solo with 667 MHz FSB, Intel® Celeron® M 533MHz (Yonah Core) FSB
- ◆ System Chipset  
Intel® 945GM + ICH7M
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
1 x 200-pin SO-DIMM DDR2 400/533/667MHz up to 1GB
- ◆ Ethernet  
Dual PCIe Broadcom BCM5787 chipsets
- ◆ I/O Interface  
6 x USB 2.0  
2 x SATA  
1 x IDE  
3 x RS-232  
1 x RS-232/422/485  
1 x PS/2 for KB/MS  
1 x LPT  
1 x CF Type II
- ◆ Expansion  
1 x PCI-104 (PCI bus)  
1 x PCIe Mini Card Slot
- ◆ IrDA  
1 x IrDA by pin header
- ◆ Super I/O  
W83627EHF
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ 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
- ◆ Display Interface  
1st VGA DB15 output integrated in Intel 945GM  
2nd VGA DB15 through SDVO by Chronitel CH7317A  
Dual display independent by VGA1+VGA2 or VGA1+LVDS or VGA2+LVDS  
18-bit dual channel LVDS
- ◆ Watchdog Timer  
Software programmable 1-255 sec. by super I/O
- ◆ Power Supply  
12V only AT/ATX support
- ◆ Power Consumption  
12V@3.29A, 5Vsb@0.26A (Intel® Core™2 Duo 2.16GHz, 1GB DDR2 533MHz)
- ◆ Temperature  
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity  
Operation: 5% ~ 95% non-condensing
- ◆ Dimensions 165mm x 115mm
- ◆ Weight GW: 800g / NW: 250g

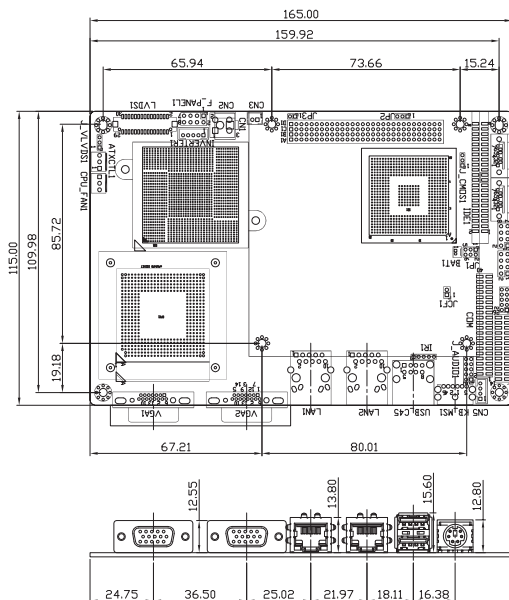
## Packing List

- 1 x NANO-9453 Single Board Computer
- 1 x 4 RS-232 Adapter Cable (P/N: 32200-025401-RS)
- 1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)
- 2 x SATA Cable (P/N: 32000-0628000-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 1 x KB/MS Cable (P/N: 32000-000138-RS)
- 1 x Power Cable (P/N: 32100-087100-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

## Features

1. Support an Intel® Core™2 Duo processor with a 667MHz FSB
2. Support one DDR2 400/533/667MHz SO-DIMM with a maximum capacity of 1GB
3. Dual PCIe GbE Broadcom BCM5787 controllers
4. Support dual 18-bit LVDS LCD panels and Dual VGA ports
5. 2 x SATA, 6 x USB 2.0, 1 x CF Type I/II, 1 x LPT and 4 x COM
6. PCIe Mini Card and PCI-104 expansion interface

## Dimensions



## Ordering Information

Part No.	Description
NANO-9453-R10	EPIC SBC, Intel® Core™2 Duo, Core™ Duo/Solo FSB 667MHz with Dual VGA, LVDS, Dual PCIe GbE and SATA
32000-070300-RS	USB Cable
32200-074800-RS	RS-422/485 Cable
AC-KIT08R-R10	5.1 Channel AC'97 Audio Kit with Realtek ALC655
AC-KIT-883HD-R10	7.1 Channel HD Audio Kit with Realtek ALC883 Support Dual Audio Streams
CF-479B-RS	CPU Cooler (50mm x 50mm x 26mm, 50W)
32200-000017-RS	LPT Cable
32100-052100-RS	ATX Power Cable