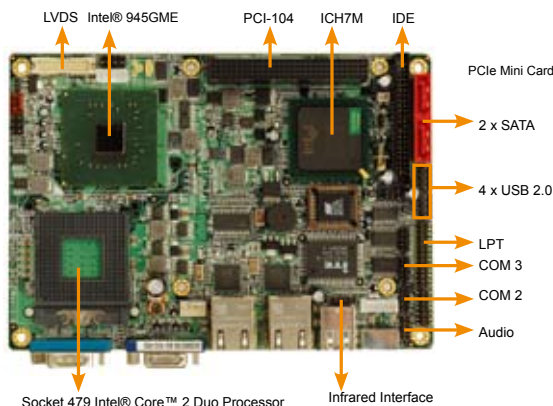
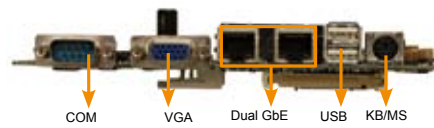
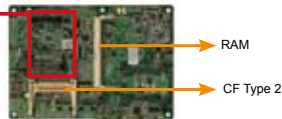


# epic NANO-9452-R11

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



Solder Side



FSB 667    DDR2 667    12V Only



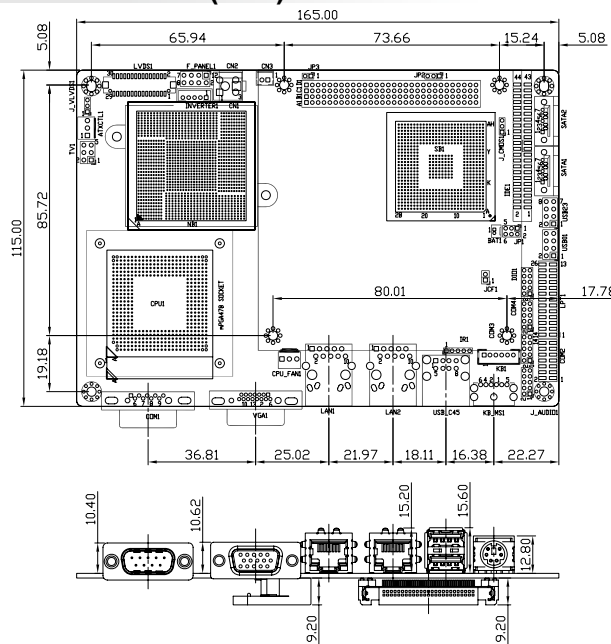
## Specifications

- ◆ CPU  
Socket M Intel® Core™2 Duo, Core™ Duo/Solo processor with a 667MHz FSB  
Celeron® M processor with a 533MHz FSB (Yonah Core)
- ◆ System Chipsets  
Intel® 945GME + ICH7M
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
One 200-pin 667/533/400MHz DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet  
Dual PCIe Broadcom BCM5787M GbE chipsets with ASF2.0 remote control support
- ◆ 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
- ◆ Infrared Interface  
1 x Infrared Interface by pin header
- ◆ Expansions  
1 x PCI-104 (PCI bus)
- ◆ Super I/O  
ITE IT8712F
- ◆ 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  
VGA Integrated in Intel® 945GME  
Support HDTV resolution up to 1080i by component interface  
18/24-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@3.01A (Intel Core™2 Duo 2.0GHz, 1GB 533MHz DDR2)
- ◆ Temperature  
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions  
165 mm x 115 mm

## Features

1. Support Intel® Core™2 Duo, Core™Duo/ Solo processor with 667 MHz FSB
2. VGA integrated in Intel® 945GME supports 1080i HDTV-Out, 18/24-bit dual-channel LVDS
3. DDR2 667/533/400 MHz SO-DIMM socket supports up to 2GB
4. Dual PCIe Broadcom BCM5787M GbE chipsets with ASF2.0 remote control support

## Dimensions (mm)



## Packing List

|   |
|---|
| 1 x NANO-9452 Single Board Computer         |
| 2 x RS-232 Cable (P/N: 32200-000049-RS)     |
| 1 x IDE Cable (P/N: 32200-000009-RS)        |
| 1 x SATA Power Cable (P/N: 32100-088600-RS) |
| 2 x SATA Cable (P/N: 32000-062800-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)          |

## Ordering Information

| Part No.         | Description  |
|------------------|--|
| NANO-9452-R11    | EPIC SBC, Intel® Core™2 Duo, Core Duo/ Solo FSB 667MHz with VGA/LVDS/HDTV-out, Dual PCIe GbE, SATA and Audio |
| 32000-044300-RS  | USB cable  |
| 32200-000077-RS  | RS-232/422/485 cable   |
| 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                                |
| CF-479B-RS       | CPU cooler (50 mm x 50 mm x 26 mm, 50W )   |
| 32200-015100-RS  | LPT cable  |
| 32100-043403-RS  | ATX Power Cable  |
| 32000-083701-RS  | HDTV out cable   |