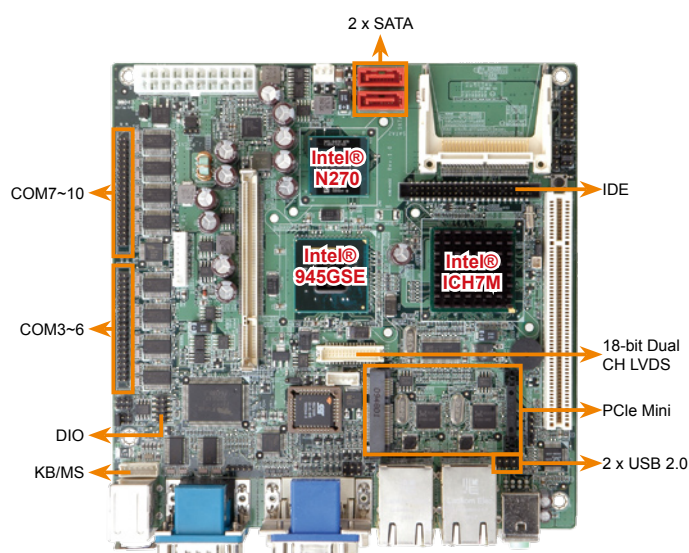


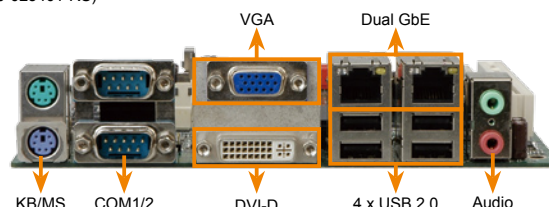
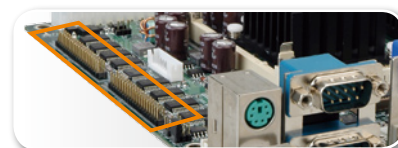
## KINO-945GSE3

Mini-ITX SBC with Intel® Atom™ N270 1.6G, VGA/DVI/LVDS, Dual PCIe GbE, USB 2.0, ten COM, SATA and Audio



Additional 8 COM ports supported by quad-port RS-232 cables (P/N: 32200-025401-RS)

**New**



## Specifications

- ◆ CPU  
Intel® Atom™ N270 processor 1.6GHz with a 533MHz FSB
- ◆ System Chipset  
Intel® 945GSE+ICH7M
- ◆ BIOS  
AMI BIOS
- ◆ Memory  
One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet  
Dual Realtek PCIe RTL8111E GbE Chipsets, LAN1 with ASF2.0 support
- ◆ I/O Interface
 

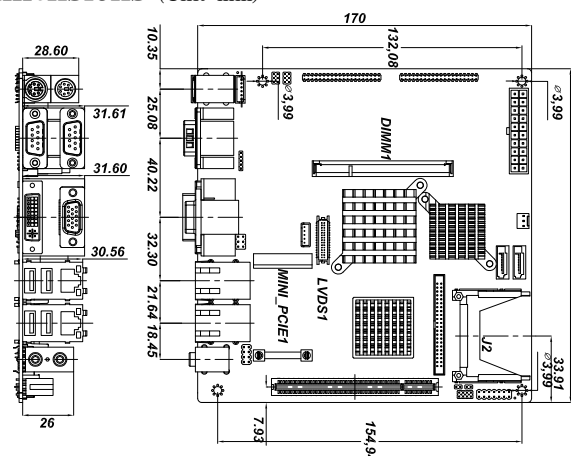
|                            |                    |
|----------------------------|--------------------|
| 6 x USB 2.0                | 2 x SATA           |
| 1 x CF Type II             | 9 x RS-232         |
| 1 x RS-232/422/485         | 1 x IDE            |
| 1 x 6-pin header for KB/MS | 2 x PS/2 for KB/MS |
- ◆ Graphic  
GMA950
- ◆ Display Output  
VGA integrated in Intel 945GSE  
Support HDTV resolution up to 1080i by component interface  
18-bits Dual channel LVDS by Intel 945GSE  
DVI-D support by Silcon Image SiI1362
- ◆ Expansion  
1 x PCI  
1 x PCIe Mini card
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface  
1x Infrared Interface by pin header
- ◆ Super I/O  
Fintek F81865
- ◆ Audio  
Realtek ALC655 AC'97 Codec
- ◆ Watchdog Timer  
Software programmable support 1~255 sec. system reset
- ◆ Power Supply  
AT/ ATX power supply support
- ◆ Power Consumption  
12V@0.43A, 5V@4.5A (Intel® Atom™ N270 1.6GHz with 2GB DDR2)
- ◆ Temperature  
Operation: -10°C ~ 60°C
- ◆ Humidity  
Operation: 5% ~95% non-condensing
- ◆ Dimensions  
170mm x 170mm
- ◆ Weight  
GW: 1100g / NW: 370 g

## Features

1. Intel® Atom™ N270 processor 1.6GHz for fan-less support
2. DDR2 400/533 SO-DIMM memory support up to 2GB
3. Dual Display support by VGA + DVI-D/LVDS + VGA/LVDS + DVI-D
4. Support PCIe mini card/ PCI slot for expansion
5. Complete I/O interface for six USB 2.0, two SATA and ten COM
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery



## Dimensions (Unit: mm)



## Packing List

|                                                   |                |
|---------------------------------------------------|----------------|
| 1 x KINO-945GSE3 single board computer            |                |
| 2 x Quad port RS-232 cable (P/N: 32200-025401-RS) |                |
| 1 x I/O shielding (P/N: 45014-0008C0-00-RS)       |                |
| 2 x SATA cable (P/N: 32000-062800-RS)             | 1 x Utility CD |
| 1 x Mini jumper pack                              | 1 x QIG        |

## Ordering Information

| Part No.              | Description                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------|
| KINO-945GSE3-N270-R10 | Mini-ITX SBC with Intel® Atom™ N270 1.6G, VGA/DVI/LVDS, Dual PCIe GbE, USB2.0, 10COM, SATA and Audio |
| CB-USB02-RS           | Dual USB cable                                                                                       |
| HDTV-CABLESET-01      | HDTV cable set with S-Video, composite and component interfaces                                      |
| 32102-000100-200-RS   | SATA power cable                                                                                     |
| 32200-0833600-RS      | RS-422/485 cable                                                                                     |
| 32200-000009-RS       | 44pin 2.5" IDE cable                                                                                 |
| 32200-023800-RS       | Keyboard/Mouse Y cable                                                                               |