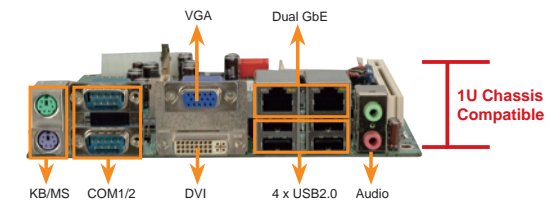
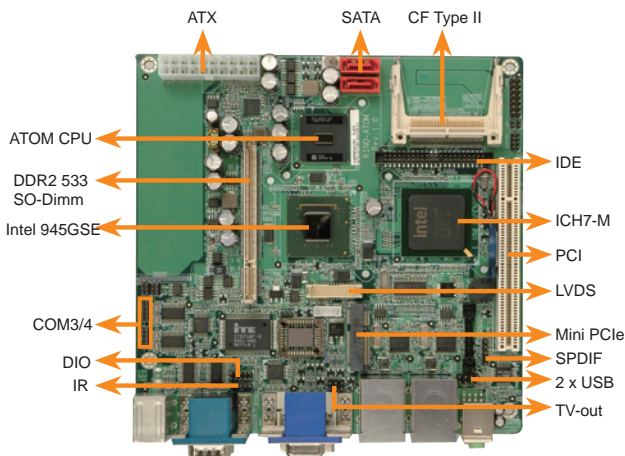


# KINO-ATOM

Mini-ITX SBC with Intel® Atom™ N270 1.6G, VGA/DVI/TV, Dual PCIe GbE, USB2.0, SATA and Audio



## Specifications

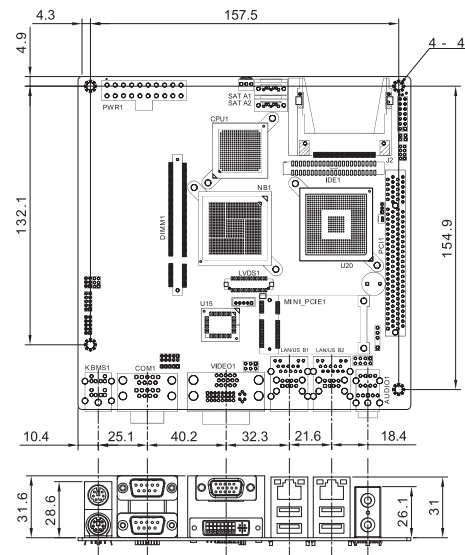
- ◆ CPU  
Intel® Atom™ Processor N270 1.6GHz with a 533MHz FSB
- ◆ System Chipset  
Intel® 945GSE+ICH7M
- ◆ BIOS  
AMI BIOS Label
- ◆ Memory  
One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet  
Dual Realtek PCIe 8111CP GbE Chipsets
- ◆ I/O Interface  
6 x USB2.0  
2 x SATA  
1 x CF Type II  
4 x RS-232  
1 x IDE  
2 x PS/2 for KB/MS
- ◆ Graphic  
Intel® Generation 3.5 integrated GFX Core 133Mhz
- ◆ Display Output  
VGA integrated in Intel 945GSE  
Support HDTV resolution up to 1080i by component interface  
18 bit Dual channel LVDS by Intel 945GSE  
DVI-D support by Chronitel Silicon image Sil1362
- ◆ 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 by pin header
- ◆ Super IO  
ITE IT8712
- ◆ Audio  
Realtek ALC655 AC'97 Codec
- ◆ WDT  
Software Programmable support 1~255 sec. System reset
- ◆ Power Supply  
5V/12V, AT/ATX Support
- ◆ Power Consumption:  
5V@2.89A, 12V@0.04A (Intel® Atom™ N270 with 1GB DDR2)
- ◆ Temperature:  
Operation: 0°C~60°C (32°F~140°F)
- ◆ Humidity:  
Operation: 5% ~95% non-condensing
- ◆ Dimensions:  
170mm x 170mm
- ◆ Weight:  
GW: 1100g / NW: 370 g



## Features

1. Intel® Atom™ Processor N270 1.6G for ultra low voltage 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. Support 6x USB2.0, 2x SATA, 4x COM

## Dimensions (mm)



## Packing List

- 1 x KINO-ATOM single board computer
- 1 x Dual RS-232 cable (P/N: 32200-028401-RS)
- 2 x SATA cable (P/N: 32000-062800-RS)
- 1 x I/O shielding (P/N: 45014-0008C0-00-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG(Quick Installation Guide)

## Ordering Information

| Part No.           | Description   |
|--------------------|---|
| KINO-ATOM-N270-R10 | Mini-ITX SBC with Intel® Atom™ N270 1.6G, VGA/DVI/TV, Dual PCIe GbE, USB2.0, SATA and Audio |
| CB-USB02-RS        | Dual USB cable  |
| HDTVCABLESET-01    | HDTV Cable Set with S-Video, Composite and Component Interfaces                             |
| 32100-088600-RS    | SATA Power cable  |
| 32200-000009-RS    | 44pin 2.5" IDE cable  |