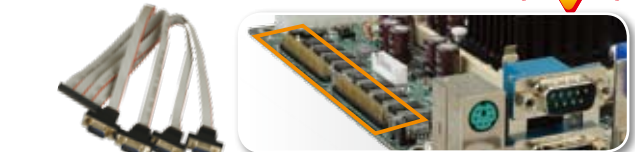
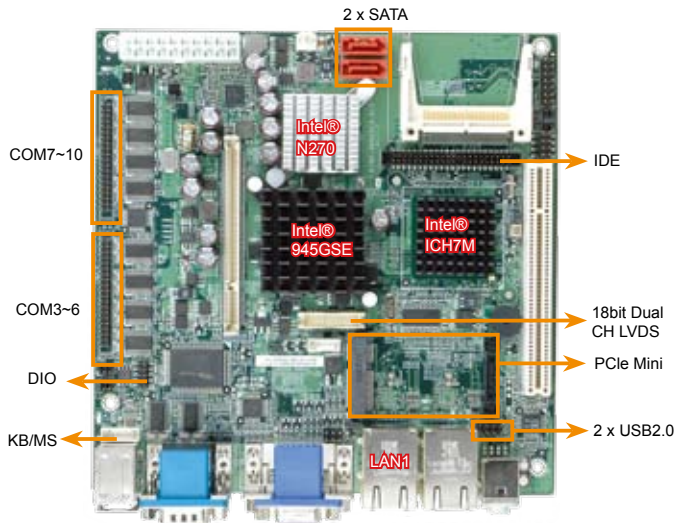
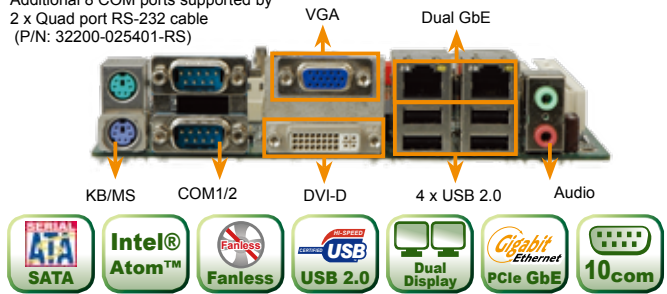


KINO-945GSE3

Mini-ITX SBC with Intel® Atom™ N270 1.6G,
VGA/DVI/LVDS, Dual PCIe GbE, USB2.0,
10COM, SATA and Audio



Additional 8 COM ports supported by
2 x Quad port RS-232 cable
(P/N: 32200-025401-RS)



Specifications



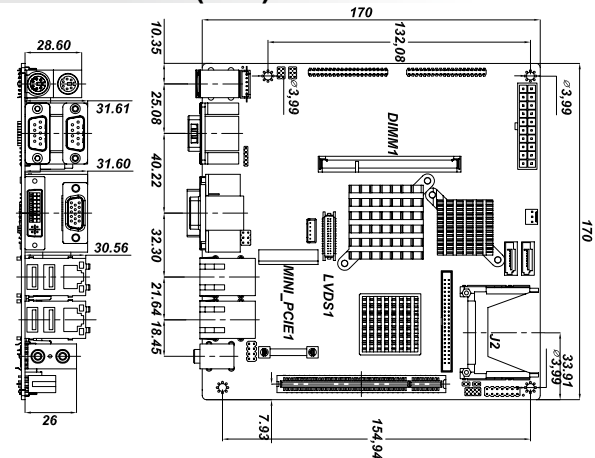
- ◆ CPU
Intel® Atom™ N270 Processor 1.6GHz with a 533MHz FSB
- ◆ System Chipset
Intel® 945GSE+ICH7M
- ◆ BIOS
AMI BIOS
- ◆ Memory
One 200-pin 400/533 DDR2 SDRAM SO-DIMM supported (system max. 2GB)
- ◆ Ethernet
Dual Realtek PCIe RTL8111E GbE Chipsets, LAN1 with ASF2.0 support
- ◆ I/O Interface

6 x USB2.0	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 IO
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
0.43A @12V, 4.5A@5V (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 6 x USB2.0, 2 x SATA and 10 x COM
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Dimensions(mm)



Packing List

1 x KINO-945GSE3 single board computer	
2 x Quad port RS-232 cable (P/N: 32200-025401-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-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
HDTVCAABLESET-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

