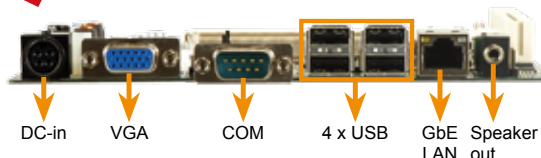
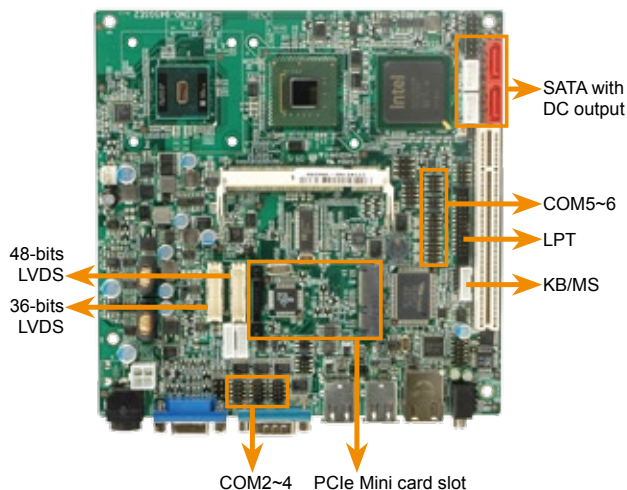


KINO-945GSE2

Mini-ITX SBC with Intel® Atom™ N270 1.6G, DC 12V input, VGA/ 36+48 bits LVDS/HDTV, Dual PCIe GbE, USB2.0, SATA and Audio



One Key Recovery
iei symantec.



Specifications

- ◆ CPU
Intel® Atom™ Processor N270 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
1 x Realtek PCIe 8111CP GbE Chipsets
- ◆ I/O Interface

6 x USB2.0 (4 on rear, 2 by pin header)	2 x SATA with DC power
1 x RS-232 (Rear IO)	3 x RS-232 (by pin header)
2 x RS-232/422/485 (by pin header)	1 x LPT
1 x 6-pin box header (2.0mm pitch) for KB/MS	
- ◆ Graphic
On Intel® Graphics Media Accelerator 950
- ◆ Display Output
VGA integrated in Intel 945GSE
Support HDTV resolution up to 1080i by component interface
18 bit Dual channel LVDS by Intel® 945GSE
24 bit Dual channel LVDS by Chronitel CH7308B
- ◆ 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
1 x Infrared interface by pin header
- ◆ Super IO
Fintek 81865
- ◆ Audio
Realtek ALC655 AC'97 Codec
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ DC connector
2pcs 1 x 4-pin 5V power connector (Major for 2.5" HDD used)
- ◆ Power Supply
Single voltage 12V DC input
1 x external DIN 4pin DC jack
1 x internal 2 x 2-pin power connector
- ◆ Power Consumption
1.73A@12V (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: 1000g / NW: 350g

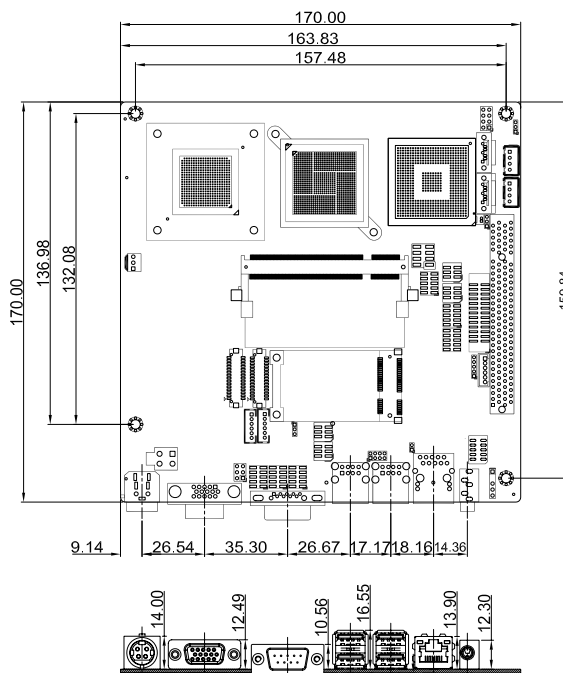
Packing List

1 x KINO-945GSE2 single board computer	
2 x SATA 5V power output Cable Kit (P/N: 32000-106100-RS)	
1 x I/O shielding (P/N: 45014-0031C0-00-RS)	
1 x KB/MS Y cable (PN:32000-023800-RS)	
1 x Audio cable (PN:32000-072100-RS)	
1 x Dual RS-232 cable (PN:19800-000112-RS)	
1 x Mini Jumper Pack	
1 x Utility CD	1 x QIG

Features

1. Intel® Atom™ Processor N270 1.6GHz for fan-less support
2. DDR2 400/533 SO-DIMM memory support up to 2GB
3. Support PCIe mini card, PCI slot for expansion
4. 36+48 bits LVDS support dual display output
5. Single voltage DC 12V input

Dimensions (mm)



Ordering Information

Part No.	Description
KINO-945GSE2-N270-R10	Mini-ITX SBC with Intel® Atom™ N270 1.6G, 12V DC input, VGA/ 18+24 bits LVDS/HDTV, 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
32100-192900-RS	One 4-pin (2x2) to one 4-pin(1x4) DC power cable with terminal block
32200-015100-RS	LPT cable
63000-FSP0601AD101C746-RS	60W/12V Power Adaptor 90VAC~260VA, DIN 4 PIN