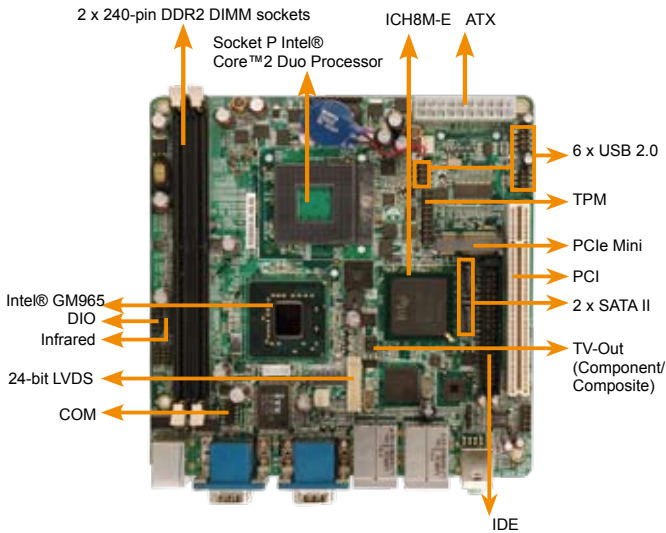


KINO-9652

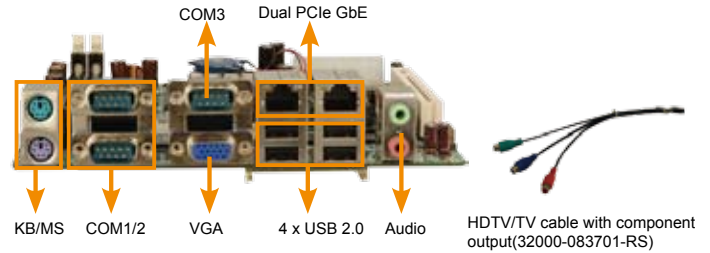
Intel® Core™2 Duo CPU Mini-ITX Motherboard with VGA/LVDS/HDTV, Dual PCIe GbE, USB 2.0, SATA II and Audio



Intel® Core™2 Duo processor with Intel® Virtualization Technology & 800 MHz Front Side Bus*

New Core™2 Duo Socket P

Mobile Intel® 965 Express chipset (GM/PM) with ICH8M-Enhanced supporting Intel® Active Management Technology 2.5



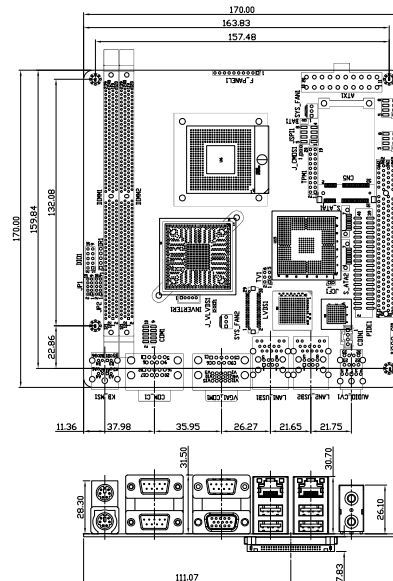
Specifications

- ◆ CPU
Socket P Intel® Core™2 Duo processor with a 533/667/800 MHz FSB
- ◆ System Chipsets
Intel® GM965 + ICH8M-E
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
Two 240-pin 2GB (maximum) 533/667 MHz dual-channel DDR2 DIMM supported (maximum system memory of 4GB)
- ◆ Ethernet
Intel® 82573L PCIe GbE chipset
Intel® 82566MM PCIe GbE chipsets with Intel® iAMT 2.5 support
- ◆ I/O Interface
3 x RS-232, DB-9 connectors (a jumper configures Pin 9 as RI, +5V or +12V)
1 x RS-232/422/485, 14-pin header connector (a jumper configures Pin 9 as RI, +5V or +12V)
8 x USB 2.0
2 x SATA II with RAID 0, 1 support
1 x IDE
1 x 20-pin LPC for TPM modules
2 x PS/2 for KB/MS
- ◆ Expansion
1 x PCIe Mini card slot
1 x PCI
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface
1 x Infrared Interface by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Display Interfaces
VGA Integrated in the Intel® GM965
24-bit dual-channel LVDS by Intel® GM965
Composite output for NTSC/PAL TV out function
Component output for up to 1080i HDTV out function
- ◆ Audio
HD Audio interface with Realtek ALC883
- ◆ Watchdog Timer
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
ATX Power
- ◆ Power consumption
5V@2.5A, 12V@1.65A, 5Vsb@ 0.01A(2.0GHz Intel® Core™2 Duo T7300 with a 800 MHz FSB and a 533 MHz 512MB DDR2 DIMM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operating: 5% ~95% non-condensing
- ◆ Dimension
170mm x 170mm
- ◆ Weight
GW: 1000g / NW: 362g

Features

1. Mini-ITX form factor and RoHS compliant
2. Intergrated Intel® Graphics Media Accelerator (GMA) X3100
3. Intel® Core™2 Duo processor with a 800 MHz FSB
4. Supports dual-channel DDR2 667 MHz up to 2GB
5. Support VGA, LVDS and HDTV output up to 1080p
6. Three RS-232, one RS-232/422/485, eight x USB 2.0 and two SATA II

Dimensions



Ordering Information

Part No.	Description
KINO-9652-R10	Intel® Core™2 Duo CPU Mini-ITX Motherboard with VGA/LVDS/HDTV, Dual PCIe GbE, USB 2.0, SATA II and Audio
CB-USB02-RS	USB Cable
32000-083701-RS	HDTV/TV Cable with Component Output (pin header 2.54 mm pitch)
TPM-SI01-R10	20-pin Sinosun TPM Module, S/W Management Tool
TPM-WI01-R10	20-pin Winbond TPM Module, S/W Management Tool
TPM-IN01-R10	20-pin Infineon TPM Module, S/W Management Tool
CF-479B-RS	CPU Cooler (50mm x 50mm x 26mm, 50W)
32200-026500-RS	RS-232/422/485 cable

Packing List

- 1 x KINO-9652 Single Board Computer
- 1 x Mini Jumper Pack
- 1 x ATA66 / 100 Flat Cable (P/N: 32200-000052-RS)
- 2 x SATA Cable (P/N: 32000-062800-RS)
- 1 x SATA Power Cable (P/N: 32100-088600-RS)
- 1 x I/O Shielding
- 1 x Utility CD
- 1 x QIG