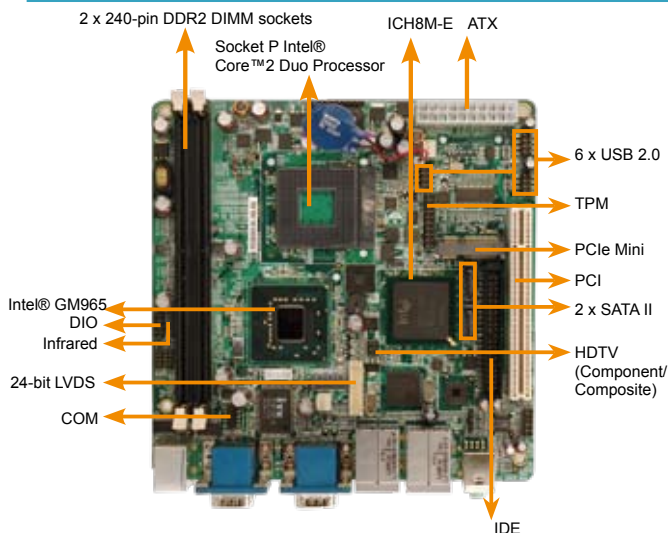


KINO-9652

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

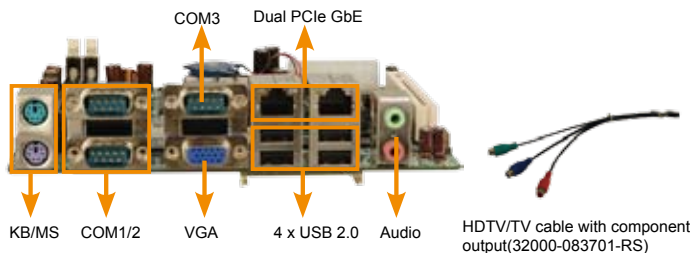
- 1 Application Server Platform
- 2 Single Board Computer
- 3 IBX Series POS PC
- 4 AFOLLUX POS Panel PC
- 5 Video Capture Card
- 6 KAMIO RISC
- 7 IOVU Open HMI
- 8 VITO Universal Controller
- 9 DINO BLADE
- 10 LCD Product Series
- 11 Embedded System
- 12 Industrial Computer Chassis
- 13 Power Supply
- 14 Peripherals



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



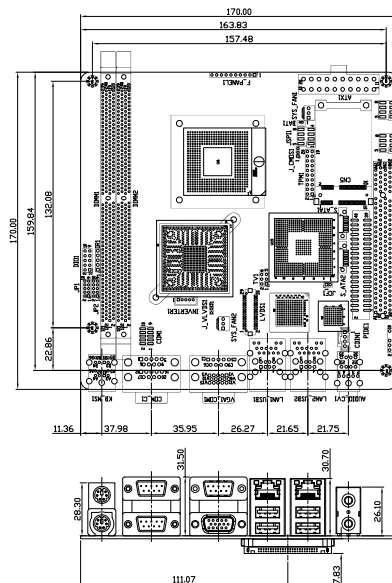
Specifications

- ◆ CPU
 Socket P Intel® Core™2 Duo processor with a 800 MHz FSB, Intel® Celeron® M 533MHz FSB (Merom Core)
- ◆ 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
 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
 170 mm x 170 mm
- ◆ Weight
 GW: 1000 g / NW: 362 g

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 1080i
6. Three RS-232, one RS-232/422/485, eight x USB 2.0 and two SATA II

Dimensions (mm)



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-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 (P/N: 41003-0186C0-00-RS)
- 1 x Utility CD
- 1 x QIG