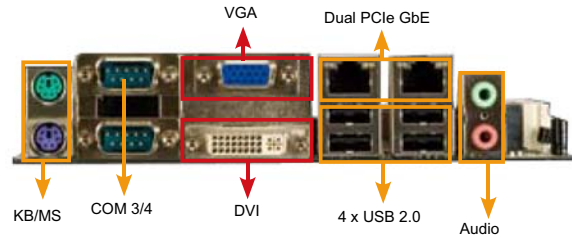
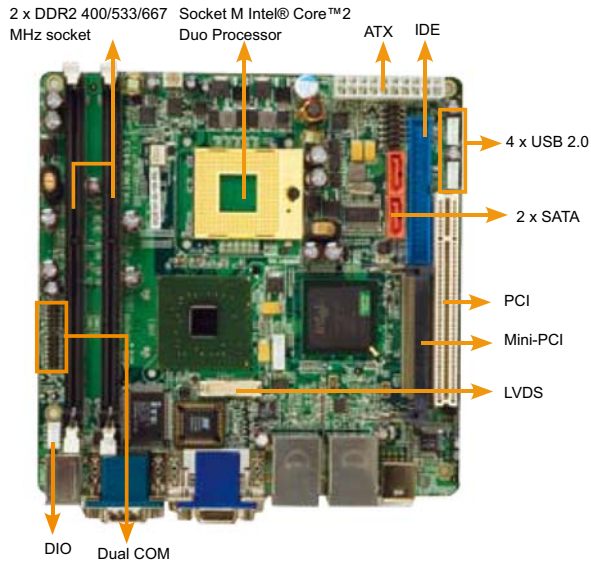


KINO-9453-R20

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



Specifications

- ◆ CPU
 - Socket M Intel® Core™2 Duo, Core Duo/Solo with 667MHz FSB
 - Intel® Celeron® M 533MHz FSB
- ◆ System Chipsets
 - Intel® 945GME + ICH7M
- ◆ BIOS
 - AMI Flash BIOS
- ◆ System Memory
 - 2 x 240-pin dual-channel DDR2 400/533/667 MHz up to 4GB
- ◆ Ethernet
 - Dual Broadcom BCM5787M GbE Chipsets (LAN1 with ASF2.0 remote control support)
- ◆ I/O Interface
 - 3 x RS-232
 - 1 x RS-232/422/485
 - 8 x USB 2.0
 - 2 x SATA
 - 1 x IDE
 - 2 x PS/2 KB/MS
- ◆ Expansions
 - 1 x Mini-PCI
 - 1 x PCI
- ◆ Digital I/O
 - 8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface
 - N/A
- ◆ Super I/O
 - ITE IT8712F
- ◆ Display Interface
 - VGA Integrated in Intel 945GME
 - 24-bit dual-channel LVDS
 - DVI by Intel 945GME SDVO interface with dual display support
- ◆ Audio
 - Realtek ALC655 with AC'97 codec
- ◆ SSD
 - N/A
- ◆ Watchdog Timer
 - Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply
 - AT/ATX Power
- ◆ Power consumption
 - 5V@4.86A, 12V@1.75A
 - (Intel® Core™2 Duo T7400 2.16GHz/667 MHz CPU with 1GB DDR2 667MHz)
- ◆ Temperature
 - Operating: 0 ~ 60°C (32 ~ 140°F)
- ◆ Humidity
 - Operating: 5% ~95 non-condensing
- ◆ Dimensions
 - 170 mm x 170 mm
- ◆ Weight
 - GW: 900 g / NW: 362 g

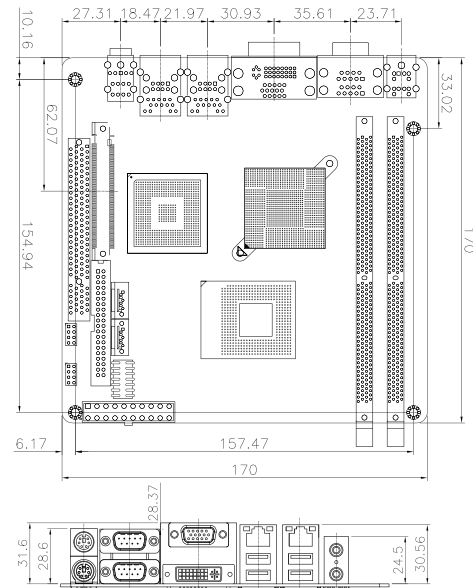
Packing List

- 1 x KINO-9453 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 Dual RS-232 Cable (P/N: 32200-028401-RS)
- 1 x I/O Shielding
- 1 x Utility CD (P/N: 45014-008C0-00-RS)
- 1 x QIG

Features

1. Mini-ITX form factor and RoHS compliant
2. Intel® Core™2 Duo CPU FSB 667MHz
3. DDR2 400/533/667 MHz up to 4GB
4. Support VGA/DVI, 24-bit dual-channels LVDS with dual display support
5. 4 x RS-232, 8 x USB 2.0 and 2 x SATA

Dimensions (mm)



Ordering Information

Part No.	Description
KINO-9453-R20	Mini-ITX Motherboard with Intel Core™2 Duo CPU with VGA/ DVI, Dual GbE, USB 2.0, SATA and Audio
32200-000077-RS	RS-232/422/485 Cable
CB-USB02-RS	Dual USB Cable
CB-USB14-RS	Four USB Cable
CF-479B-RS	CPU Cooler

1
Application
Server
Platform

2
Single
Board
Computer

3
iBX Series
POS PC

4
AFOLUX
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