

KINO-9453

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

2 x DDRII 400/533/667 MHz socket

Socket 479 Intel® Core 2 Duo Processor

ATX IDE

4 x USB 2.0

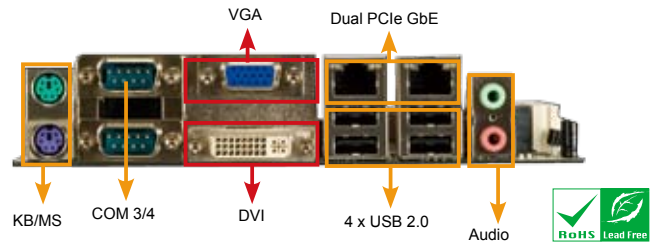
2 x SATA

PCI

Mini-PCI

LVDS

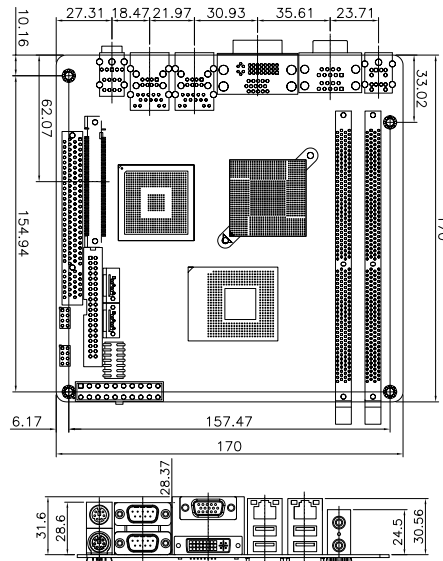
DIO Dual COM



Features

1. Mini-ITX form factor and RoHS compliant
2. Intel® Core 2 Duo CPU FSB 667MHz
3. DDRII 400/533/667 MHz up to 4GB
4. Support VGA/DVI, 18-bit dual channels LVDS with dual display support
5. 4 x RS-232, 8 x USB 2.0 and 2 x SATA

Dimensions



Specifications

- CPU**
 Socket 479 Intel® Core 2 Duo, Core Duo/Solo with 667MHz FSB
 Intel® Celeron M 533MHz FSB (Yonah Core)
- System Chipset**
 Intel® 945GM + ICH7M
- BIOS**
 AMI Flash BIOS
- System Memory**
 2 x 240-pin dual channel DDRII 400/533/667 MHz up to 4GB
- Ethernet**
 Dual PCIe Broadcom BCM5787M GbE chipsets with ASF2.0
- 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
- IrDA**
 N/A
- Super I/O**
 IT8712F
- Display Interface**
 VGA Integrated in Intel 945GM
 18-bit dual channel LVDS
 DVI by Intel 945GM 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 M T7400 2.16GHz/667 MHz CPU with 1GB DDR2 667MHz)
- Temperature**
 operation: 0 ~ 60°C (32 ~ 140°F)
- Humidity**
 operation: 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
1 x QIG

Ordering Information

Part No.	Description
KINO-9453-R10	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