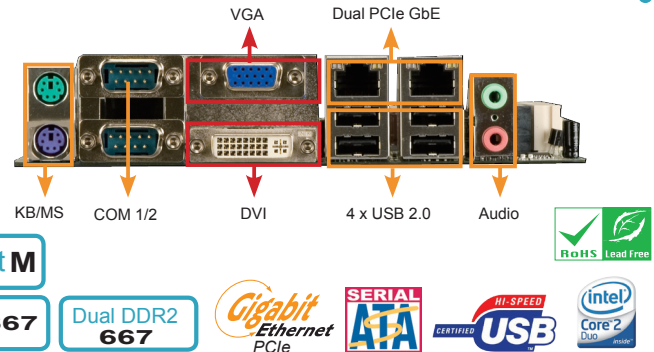
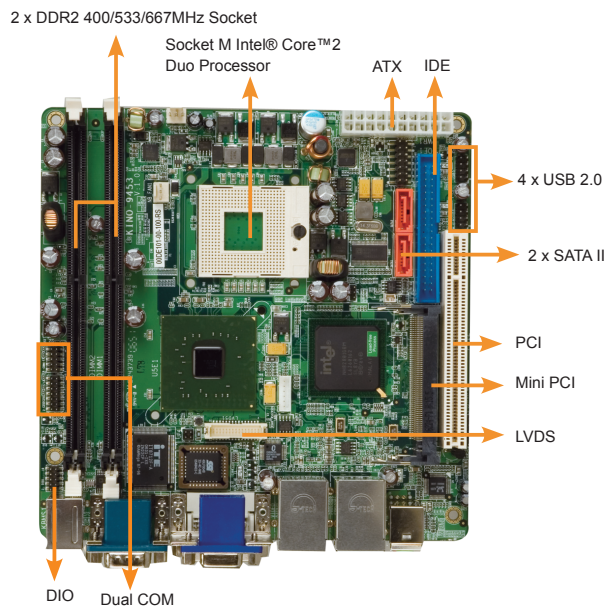


KINO-9453

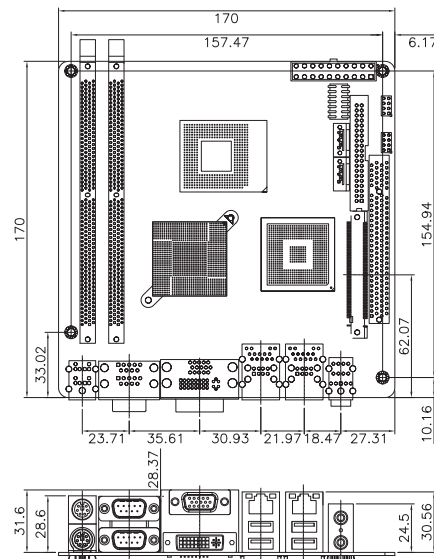
Mini-ITX Motherboard with Intel® Core™2 Duo CPU, VGA/DVI, Dual PCIe GbE, USB 2.0, SATA II and Audio



Features

1. Mini-ITX form factor and RoHS compliant
2. Intel® Core™2 Duo CPU FSB 667MHz
3. DDR2 400/533/667MHz 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 II

Dimensions



Specifications

- ◆ **CPU**
Socket M 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 DDR2 400/533/667MHz up to 4GB
- ◆ **Ethernet**
Dual PCIe Broadcom BCM5787M GbE chipsets with ASF 2.0
- ◆ **I/O Interface**
3 x RS-232
1 x RS-232/422/485
8 x USB 2.0
2 x SATA II
1 x IDE
2 x PS/2 for KB/MS
- ◆ **Expansions**
1 x Mini-PCI
1 x PCI
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input and 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/667MHz CPU with 1GB DDR2 667MHz)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ **Humidity**
Operation: 5%~95% non-condensing
- ◆ **Dimensions**
170mm x 170mm
- ◆ **Weight**
GW: 900g / NW: 362g

Packing List

1 x KINO-9453 Single Board Computer
1 x Mini Jumper Pack
1 x IDE Cable (P/N: 32200-008800-RS)
2 x SATA Cable (P/N: 32000-0628000-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 (Quick Installation Guide)

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 II and Audio
32200-000077-RS	RS-232/422/485 Cable
CB-USB02-RS	Dual-port USB Cable
CB-USB14-RS	Four-port USB Cable
CF-479B-RS	CPU Cooler