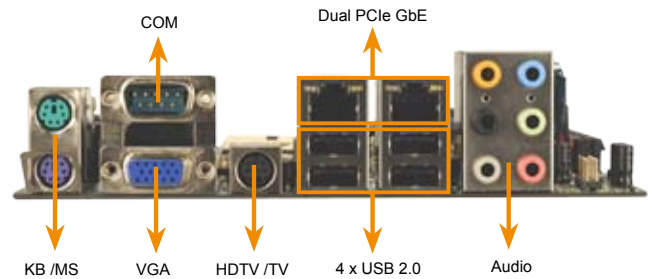
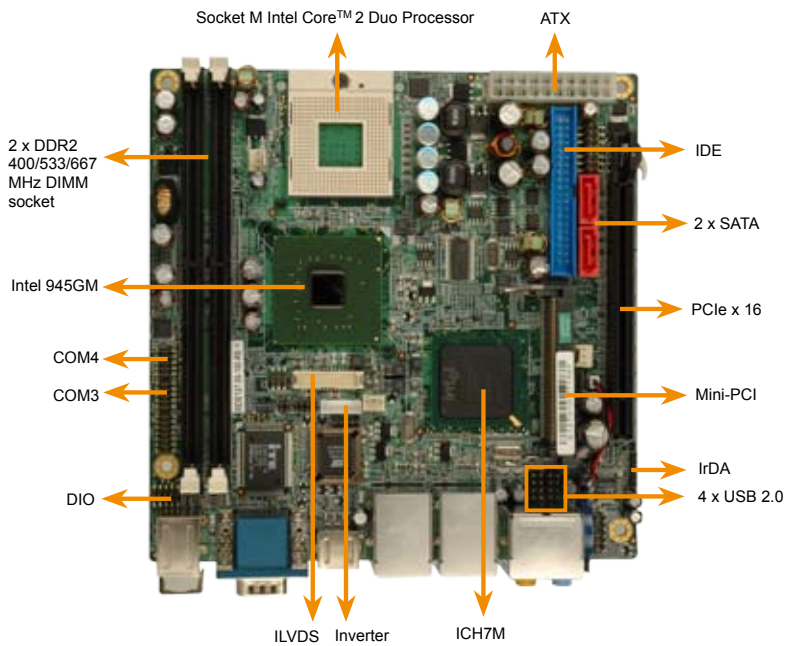


KINO-9451

Mini-ITX Motherboard with Intel Core 2 Duo CPU with VGA/DVI, Dual GbE, USB 2.0, SATA, Audio and PCIe x16 expansion



New Intel Core 2 Duo Processor with PCIe x16 Slot Support



Specifications

- ◆ CPU
 - Socket M Intel Core 2 Duo, Core Duo/Solo with 677MHz FSB
- ◆ 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 Broadcom BCM5787M PCI-Express GbE controller
- ◆ IO Interface
 - 3 x RS-232
 - 1 x RS-232/422/485
 - 8 x USB 2.0
 - 2 x SATA
 - 1 x IDE
 - 2 x PS2 KB/MS
- ◆ Expansion
 - 1 x Mini-PCI
 - 1 x PCIe x 16
- ◆ Digital I/O
 - 8 bit digital I/O, 4 input/ 4 output
- ◆ IrDA
 - by pin header
- ◆ Super I/O
 - IT8712F
- ◆ Display Interface
 - VGA Integrated in Intel 945G
 - Dual channel 18-bit LVDS
- ◆ Audio
 - Realtek ALC655 with AC'97 Codec
- ◆ SSD
 - None
- ◆ Watchdog Timer
 - Software programmable supports 1 ~255 sec. System reset
- ◆ Power Supply
 - AT/ATX Power
- ◆ Power Consumption
 - 5V@2.51A, 12V@2.15A, 3.3V@1.27A, 5Vsb@0.3A
 - (Intel Core2 Duo T7600 2.33GHz/667MHz CPU with 2GB DDR2 533MHz)
- ◆ Temperature
 - Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
 - Operation: 5% ~95% non-condensing
- ◆ Dimensions
 - 170mm x 170mm
- ◆ Weight
 - GW: 1100 g / NW: 400 g

Features

1. Mini-ITX Form Factor and RoHS compliance
2. Intel Core 2 Duo CPU FSB 667MHz
3. Single channel DDRII 400/533/667 MHz up to 1GB
4. Support VGA/DVI, Dual Channels 18-bit LVDS with dual display support
5. 4 x RS-232, 8 x USB 2.0 and 2 x SATA

Packing List

1 x KINO-9451 Single Board Computer
1 x Mini Jumper Pack
1 x ATA66 Flat cable (P/N: 32200-000052-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

Ordering Information

Part No.	Description
KINO-9451-R10	Mini-ITX Motherboard with Intel Core 2 Duo CPU with VGA/DVI, Dual GbE, USB 2.0, SATA, Audio and PCIe x16 expansion
32200-000077-RS	RS-232/422/485 Cable
CB-USB02-RS	USB Cable
CF-479B-RS	CPU Cooler