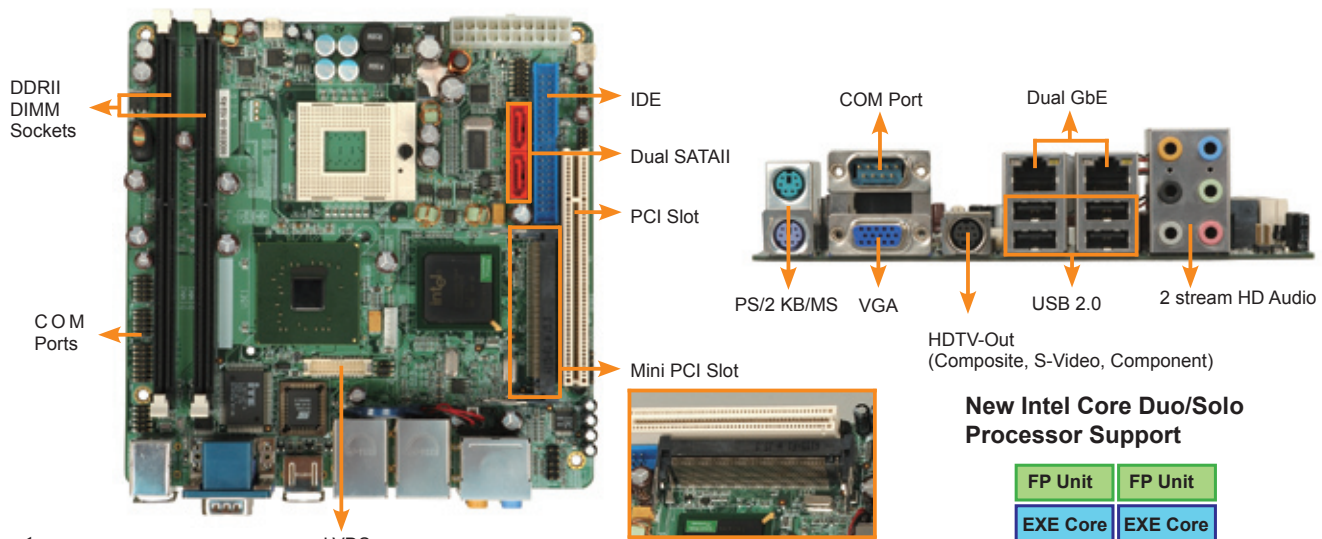


KINO-9452

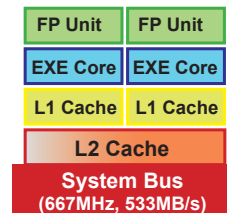
Mini-ITX Motherboard with Intel® Core Duo/ Core Solo Processor, Dual PCI-E GbE, HDTV output & Two independent stream Audio



Feature

1. Support Intel® Core Duo and Core Solo processor up to FSB 667MHz
2. Display integrated in Intel® 945GM support HDTV-Out, dual channel 18-bit LVDS and CRT
3. DDRII 400/533/667MHz DIMM socket support up to 2GB
4. Dual BROADCOM BCM5787 for PCI-E GbE

New Intel Core Duo/Solo Processor Support



Specification



- ◆ CPU
Socket 479 Intel® Core Duo/Solo with 667 MHz FSB
- ◆ System Chipset
Intel® 945GM + ICH7M
- ◆ BIOS
AMI BIOS
- ◆ System Memory
2x240-pin Dual channel DDRII 400/533/667 MHz up to 2GB
- ◆ Ethernet
Dual Broadcom BCM5787 PCI express GbE with ASF2.0 remote control support
- ◆ I/O
8 x USB 2.0
2 x SATAII-300
1 x IDE
3 x RS-232
1 x RS-232/422/485
2 x PS/2 for KB/MS
- ◆ Expansion
1 x Mini PCI Slot
1 x PCI
- ◆ Super I/O
ITE8712
- ◆ Digital I/O
8 bit digital I/O, 4 input / 4 output by super I/O
- ◆ HD Audio
Realtek ALC883 with 7.1 channel HD interface with 2 streams audio support
- ◆ Display
Integrated in Intel 945GM to support HDTV and CRT
HDTV Out
MacroVision support / Overscaling / Component, S-Video and Composite output
480P / 720P / 1080i / 1080P and NTSC / PAL Support
LVDS
Dual channel 18-bit LVDS
- ◆ Watchdog Timer
Software programable 1-255 sec. by super I/O
- ◆ Power Supply
ATX support
- ◆ Power Consumption
5V@1.58A, +12V@2.05A, +3.3V@3.12A, 5VSB@0.32A (Intel® Core Duo 2.16GHz, DDRII 1GB*2) -- 3D MARK
- ◆ Temperature
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ Humidity
Operation: 5% ~ 95% non-condensing
- ◆ Dimension
170 mm x 170 mm
- ◆ Weight
GW: 1100 g; NW: 400 g

Independent Dual display and Dual Audio

Two stream audio with HDTV TV out support.

The Best Solution for
POS/KIOSK + Digital Signage !!!

Two Streams Audio Support
Two different channel audio source can be played in the same time.

Stream 1 : vocal or broadcasting from store

Stream 2 : TV background for gathering people's attention

HD Audio

HDTV out cable (P/N: 32000-083100-RS)

- HDTV output with Component, S-Video, Composite Cable support
- MacroVision / Overscaling,
- 480P / 720P / 1080i / 1080P
- NTSC / PAL Support

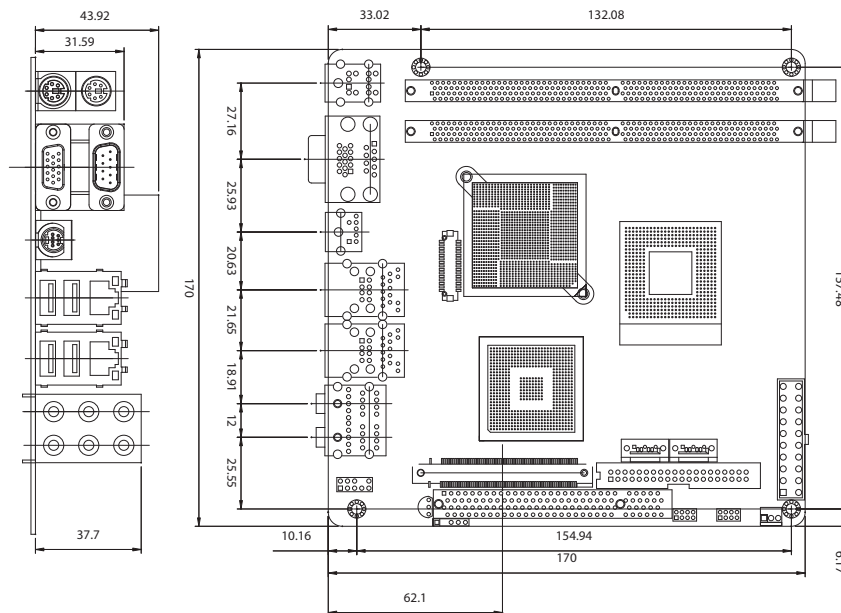
Video Output 1 - VGA

Video Output 2 - HDTV
HDTV output with Component, S-Video, Composite Cable support
MacroVision / Overscaling, 480P / 720P / 1080i / 1080P and NTSC / PAL Support

Macrovision is a form of analogue copy protection for video only (audio is not affected) - for DVDs, it is a way to prevent you from copying them to VHS (thus obtaining a very high quality VHS copy of the DVD). This is fair enough, and while it does prevent users from exercising their rights as consumers to make VHS backups of their DVDs, we'll leave this debate for another time.

HDTV Output

Dimension



Packing List

1 x KINO-9452 Single Board Computer	1 x I/O Shielding (P/N: 45002-4520C0-00-RS)
2 x Dual RS-232 Cable (P/N: 32200-028401-RS)	1 x Mini Jumper Pack
1 x IDE Cable (P/N: 32200-008800-RS)	1 x Utility CD
1 x SATA Power Cable (P/N: 32100-088600-RS)	1 x QIG (Quick Installation Guide)
2 x SATA Cable (P/N: 32000-062800-RS)	1 x HDTV out cable (P/N: 32000-083100-RS)

Ordering Information

Part No.	Description
KINO-9452-R10	Mini-ITX Motherboard with Intel® Core Duo/ Core Solo Processor, SATAII, Dual PCI-E GbE, USB 2.0 & Audio
32200-000077-RS	RS-232/422/485 Cable
CB-USB02A-RS	USB Cable
CF-479B-RS	CPU Cooler