

# KINO-6612LVDS-R13

Intel® Pentium® M CPU Mini-ITX  
Motherboard with a 533/400MHz FSB, LVDS,  
SATA, COM, USB 2.0 and TV-Out Function

1  
Application  
Server  
Platform

2  
Single  
Board  
Computer

3  
IBX Series  
POS PC

4  
AFOLLUX  
POS  
Panel PC

5  
Video  
Capture  
Card

6  
KAMIO  
RISC

7  
IOVU  
Open HMI

8  
VITO  
Universal  
Controller

9  
DINO  
BLADE

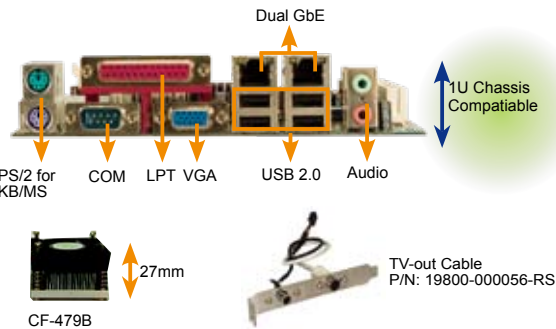
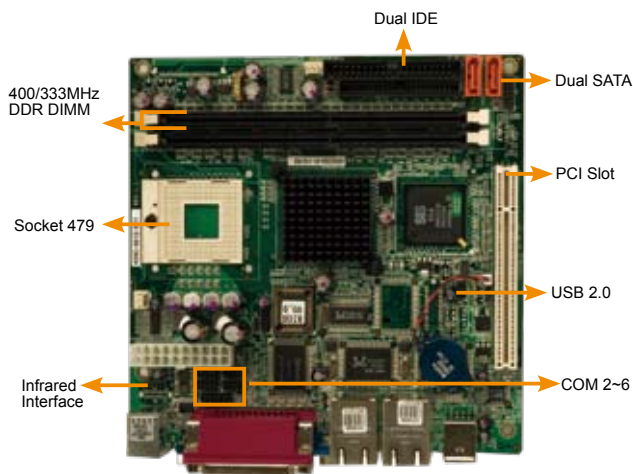
10  
LCD  
Product  
Series

11  
Embedded  
System

12  
Industrial  
Computer  
Chassis

13  
Power  
Supply

14  
Peripherals



## Specifications

- ◆ CPU  
Socket 479 Intel® Pentium® M/Celeron® M CPU with a 400 MHz or 533 MHz FSB  
1.0GHz zero cache processor Intel® Celeron M CPU
- ◆ System Chipsets  
SiS® 661CX+ SiS® 964
- ◆ BIOS  
AMI BIOS
- ◆ System Memory  
2 x 1.0 GB (maximum) 333 MHz or 400 MHz 184-pin DDR DIMM
- ◆ Ethernet  
Dual Realtek RTL8110SC GbE chipsets
- ◆ I/O Interface  
6 x USB 2.0                    2 x SATA  
2 x IDE                            1 x LPT  
5 x RS-232                       1 x RS-232/422/485  
2 x PS/2 for KB/MS        2 x IDE
- ◆ Expansions  
1 x PCI
- ◆ Infrared Interface  
By super I/O
- ◆ Super I/O  
Winbond W83697HG
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Audio  
Realtek ALC655 with AC'97 codec
- ◆ Display Interface  
VGA integrated in SiS® 661CX  
24-bit dual-channel LVDS(KINO-6612LVDS)  
TV-out integrated in SiS® 302LV
- ◆ Watchdog Timer  
Software programmable supports 1-255 sec. system reset
- ◆ Power Supply  
AT/ATX power supply
- ◆ Power Consumption  
5V@3.79A, 12V@1.44A, 3.3V@0.92A  
(1.5GHz Celeron® M CPU with one 1.0 GB 400 MHz DDR DIMM)
- ◆ Temperature  
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity  
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions  
170 mm x 170 mm
- ◆ Weight: GW: 1100 g; NW: 400 g

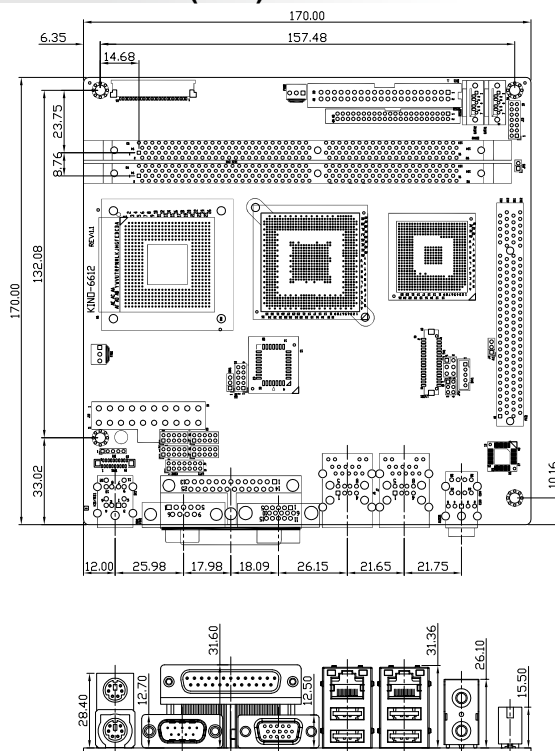
## Packing List

1 x KINO-6612 single board computer
1 x IDE Flat cable 40p/40p/40p (P/N: 32200-000052-RS)
1 x IDE Flat cable 44p/44p (P/N: 32200-000009-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
2 x Dual RS-232 Cable (P/N: 32200-028401-RS)
1 x I/O shielding (P/N: 45002-451603-00-RS)
1 x Mini Jumper pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Features

1. Supports a Socket 479 Intel® Pentium® M CPU with a 400 MHz or 533 MHz FSB and low thermal output.
2. DDR 333/400 MHz DIMM socket, maximum capacity of 2GB
3. Flexible dual display options
4. RoHS compliant

## Dimensions (mm)



## Ordering Information

Part No.	Description
KINO-6612LVDS-R13	Mini-ITX Motherboard with Socket 479 Intel® Pentium® M/ Celeron® M CPU, 533 MHz FSB, VGA, LVDS, TV-out, Dual GbE, Audio and SATA
KINO-6612-R13	Mini-ITX Motherboard with Socket 479 Intel® Pentium® M/ Celeron® M CPU, 533 MHz FSB, VGA, Dual GbE, Audio and SATA
KINO-6612LVDS-1GZ-R13	Mini-ITX Motherboard with 1.0 GHz zero-cache Intel® Celeron® M CPU with VGA, LVDS, TV-out, Dual GbE, Audio and SATA
KINO-6612-1GZ-R13	Mini-ITX Motherboard with 1.0 GHz zero-cache Intel® Celeron® M CPU with VGA, Dual GbE, Audio and SATA
19800-000056-RS	TV-out cable
CF-479B-RS	CPU cooler
32200-000077-RS	RS-232/422/485 cable with bracket
CB-USB02-RS	USB cable