

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

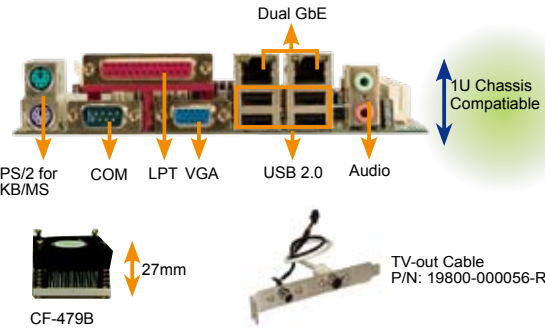
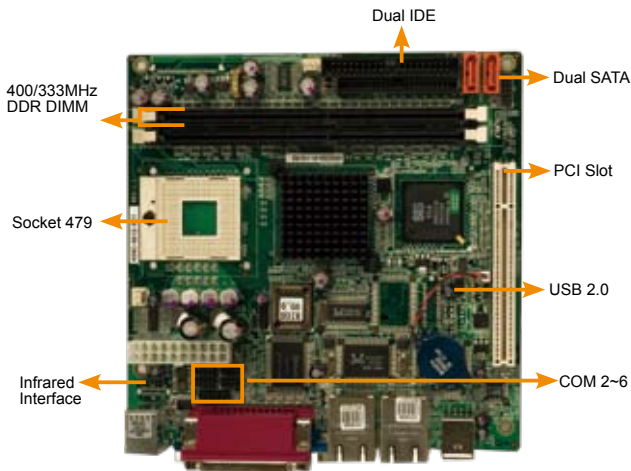
10
LCD
Product
Series

11
Embedded
System

12
Industrial
Computer
Chassis

13
Power
Supply

14
Peripherals



FSB 533

DDR 400

Dual Display

SERIAL ATA

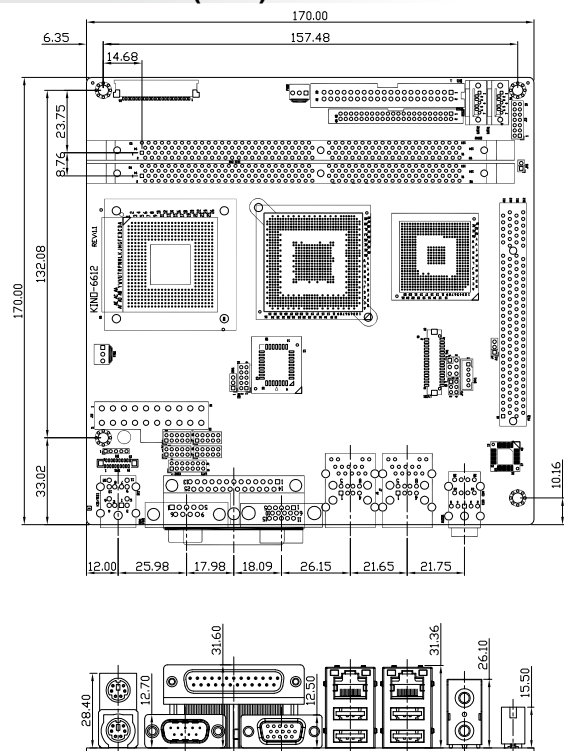
Specifications

- ◆ 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

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

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)