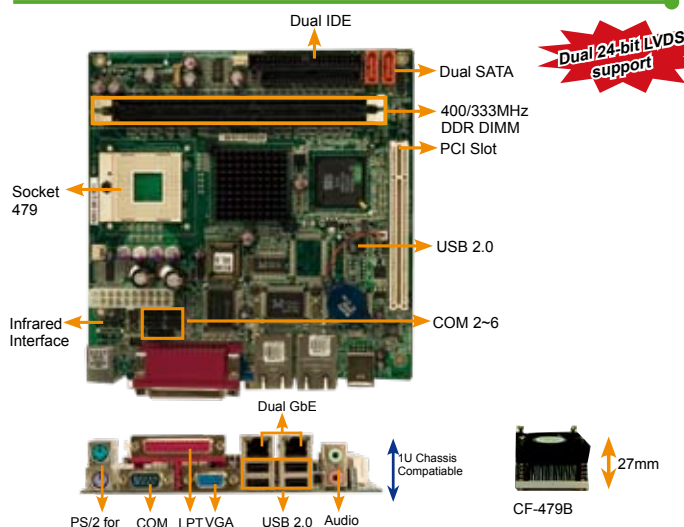


# KINO-6612LVDS-R13

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



## 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

## Specifications

- ◆ CPU  
Socket 479 Intel® Pentium® M/Celeron® M CPU with 400 MHz or 533 MHz FSB  
1.0GHz zero cache processor Intel® Celeron M CPU
- ◆ System Chipset  
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 chipset
- ◆ 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

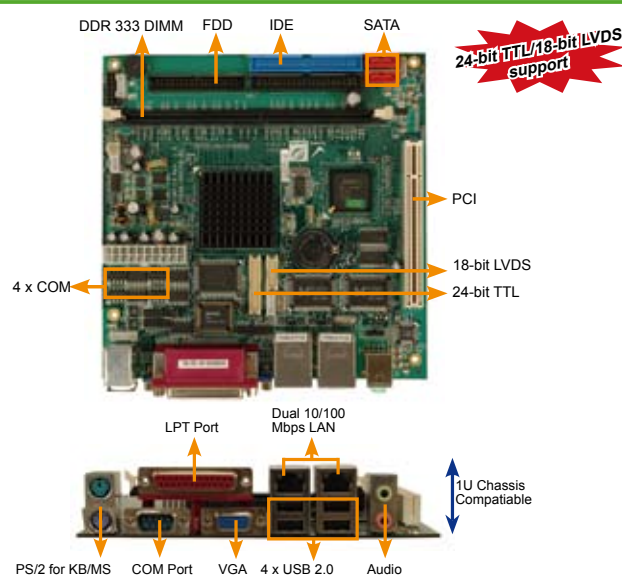
- 1 x KINO-6612 single board computer
- 1 x IDE Flat cable 40p/40p/40p (P/N: 32200-000052-RS)
- 1 x IDE Flat cable 44p/44p (P/N: 32200-000009-RS)
- 2 x SATA cable (P/N: 32000-062800-RS)
- 1 x SATA Power cable (P/N: 32100-088600-RS)
- 2 x Dual RS-232 cable (P/N: 19800-000112-RS)
- 1 x I/O shielding (P/N: 45014-0017C0-00-RS)
- 1 x Mini Jumper pack
- 1 x Utility CD
- 1 x QIG

## 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                                                                                                                       |
| 19800-000110-RS       | RS-232/422/485 cable with bracket                                                                                                |
| CB-USB02-RS           | USB cable                                                                                                                        |

# KINO-LX-R11

Mini-ITX Motherboard with AMD® LX800 500MHz CPU, Dual LAN, SATA, USB, 6xCOM and Audio



## Features

1. Mini-ITX form factor with AMD® LX800 500MHz processor
2. DDR 333MHz DIMM socket, maximum memory supported up to 1 GB
3. VGA, 24-bit TTL and 18-bit single channel LVDS
4. SATA, USB, COM, IDE, FDD, LPT and PCI

## Specifications

- ◆ CPU  
AMD® LX800 500 MHz
- ◆ System Chipset  
AMD® LX800 + CS5536
- ◆ BIOS  
Award BIOS
- ◆ System Memory  
1 x 184-pin DDR 333MHz up to 1GB
- ◆ Ethernet  
Dual Realtek RTL8100C chipset
- ◆ I/O Interface  
5 x RS-232      1 x RS-232/422/485  
4 x USB 2.0      2 x IDE  
1 x FDD          1 x LPT  
2 x SATA VIA VT6421A RAID 0, 1 function support.  
2 x PS/2 for KB/MS
- ◆ Expansions  
1 x PCI
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ Super I/O  
W83627EHG
- ◆ Infrared Interface  
By super I/O
- ◆ Audio  
Realtek ALC203
- ◆ Display Interface  
VGA integrated in AMD® LX800  
24-bit TTL  
18-bit single channel LVDS
- ◆ Watchdog Timer  
Software programmable supports 1-255 sec. by super I/O
- ◆ Power Supply  
AT/ATX support
- ◆ Power Consumption  
5V@1.45A, (AMD® LX800 500 MHz, DDR 333MHz/512 MHz MB-HCT)
- ◆ Temperature  
Operating: 0°~60°C
- ◆ Humidity  
Operating: 5%~95%,
- ◆ Dimensions  
170 mm x 170 mm
- ◆ Weight  
GW: 1100 g; NW: 500 g

## Packing List

- 1 x KINO-LX Single board computer
- 1 x ATA66 Flat cable (P/N: 32200-000052-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: 19800-000112-RS)
- 1 x I/O Shielding (P/N: 45014-0017C0-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG

## Ordering Information

| Part No.        | Description                                                                               |
|-----------------|-------------------------------------------------------------------------------------------|
| KINO-LX-800-R11 | Mini-ITX Motherboard with AMD® LX800 500 MHz Processor, CRT/LCD, Dual LAN, SATA and audio |
| 19800-000110-RS | RS-232/422/485 cable                                                                      |
| 32200-000017-RS | FDD cable                                                                                 |