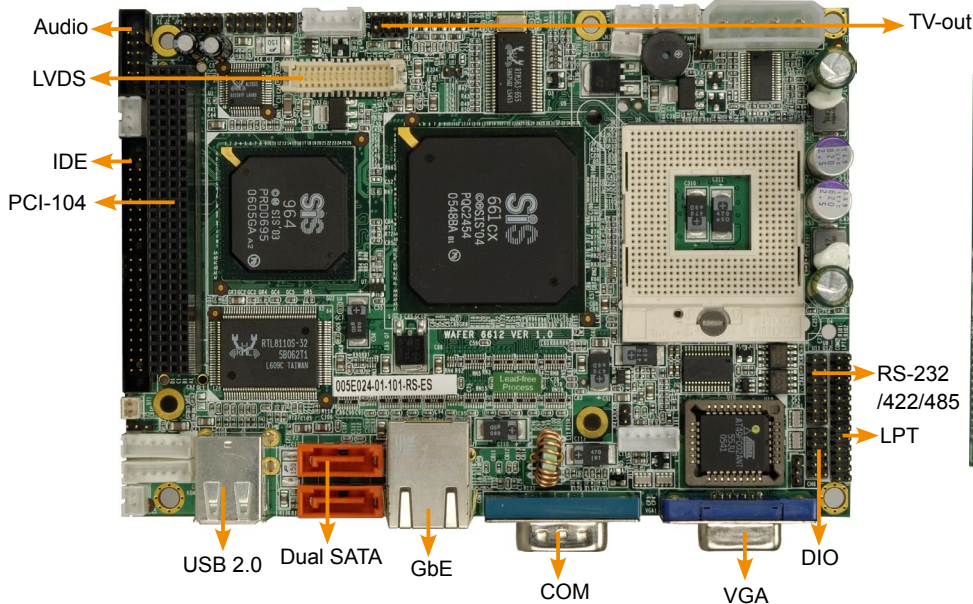
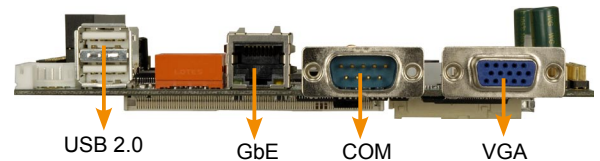
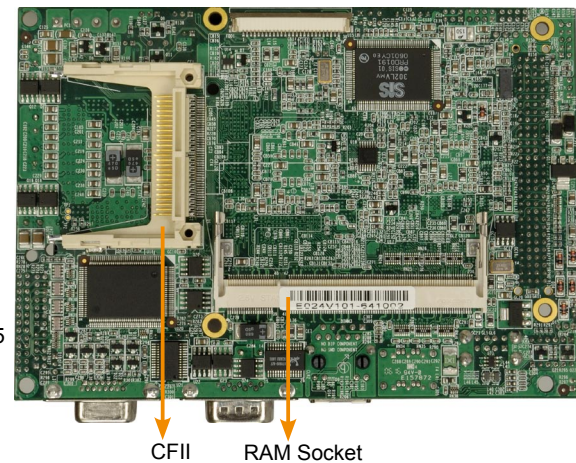


WAFER-6612

FSB 533 Intel® Pentium® M 3.5" WAFER Main Board for embedded solution and stand alone system



Solder Side



Feature

1. 3.5" Form factor, Intel® Pentium® M processor embedded board up to FSB533 MHz
2. DDR 400/333 SO-DIMM SDRAM up to 1GB
3. Complete I/O support with 2 x SATA, EIDE, CFII, PCI 104, GbE, and 6 x USB2.0
4. Dual 24-bit LVDS support and TV-Out function
5. RoHS Compliant

Specification

DDR400



◆ CPU

Intel® Pentium® M/ Celeron® M CPU support 533/400 MHz FSB up to 2.26GHz

◆ System Chipset

SiS 661CX + SiS 964

◆ BIOS

AMI BIOS Label

◆ System Memory

1 x DDR 200-pin SO-DIMM of 400/333MHz DDR SDRAM up to 1GHz

◆ Ethernet

Realtek RTL8110S GbE

◆ I/O

I/O Interface

- 1 x RS-232, 1 x RS 232 / 422 / 485
- 1 x LPT by 2 x 13 pin header
- 1 x IrDA by 1 x 5 pin header
- 6 x USB 2.0 / 4 by 2 x 4 pin header
- 2 x SATA-150 connectors
- 1 x ATA-33 Channel
- 1 x PS2 Keyboard / Mouse
- 2 x 5-pin header for 4 input / 4 output GPIO

◆ Audio

AC '97 Codec

◆ Super I/O

Winbond W83697HG

◆ Display

CRT integrated in SiS 661CX

LVDS

Dual 24-Bit LVDS integrated in SiS 302LV support dual display TV-OUT by SiS 302LV

◆ Watchdog Timer

Software programmable supports 1~255 sec. system reset

◆ Power Supply

5V/12V, AT/ATX support

◆ Power Consumption

+5V@4.76A; +12V@1.4A

(Intel® Pentium® M FSB 400MHz 1.5 GHz CPU with DDR333 512MB RAM)

◆ Temperature

Operation: 0° to 60°C

◆ Humidity

Operation: 5% to 95%, non-condensing

◆ Dimension

146x102 mm

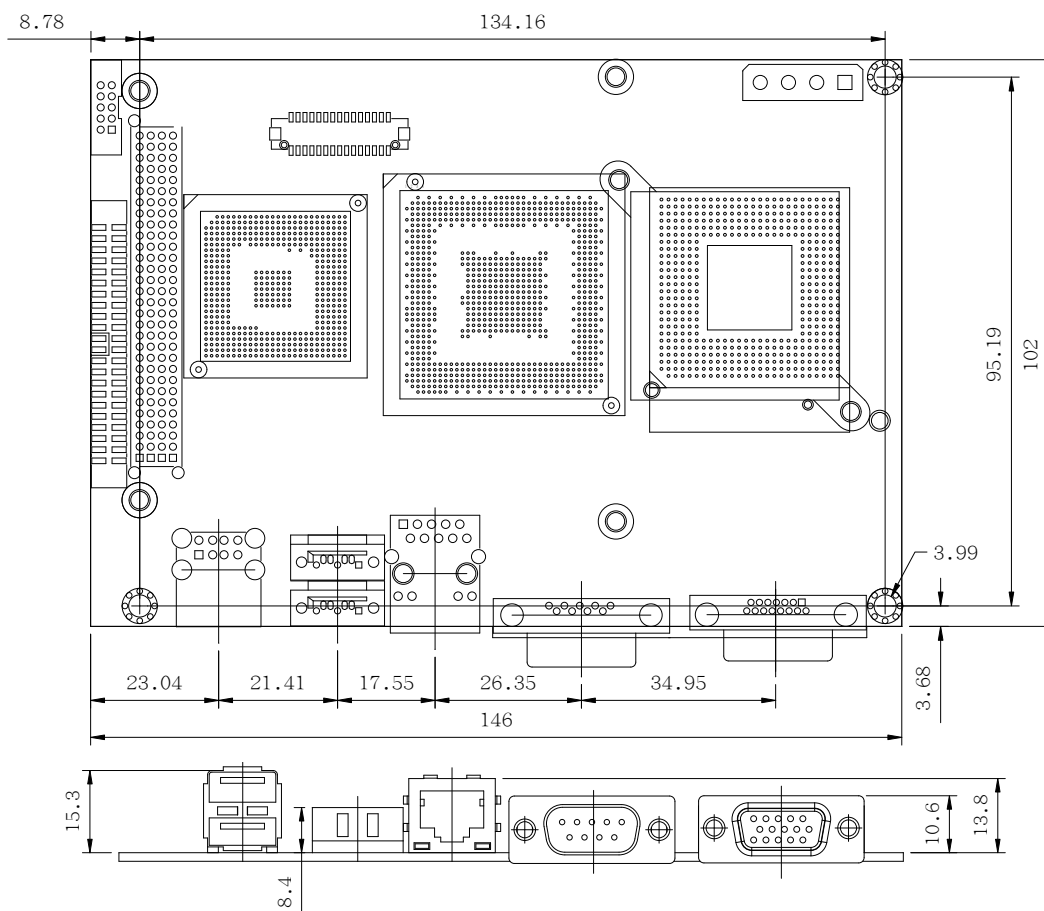
◆ Weight

GW: 700g; NW: 230g

RoHS Compliance

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

Dimension



Packing List

1 x WAFA-6612 Single Board Computer	1 x Audio Cable (P/N: 32000-072100-RS)
2 x SATA Cable (P/N: 32000-062800-RS)	1 x RS-232/422/485 Cable (P/N: 32200-026500-RS)
1 x IDE Flat Cable 44p/44p (P/N: 32200-000009-RS)	1x KB/MS Cable (P/N: 32000-023800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)	1 x Mini Jumper Pack
1 x USB Cable (P/N: 32000-070300-RS)	1 x Utility CD
1 x CPU Cooler (P/N: 19100-000043-RS)	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
WAFA-6612-R10	3.5" WAFER Socket 479 Intel® Pentium® M/ Celeron® M FSB533MHz CPU board with VGA, LVDS, TV-OUT, GbE, Audio and SATA
19800-000054-RS	TV-OUT cable
32200-015100-RS	LPT cable w/o BK



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