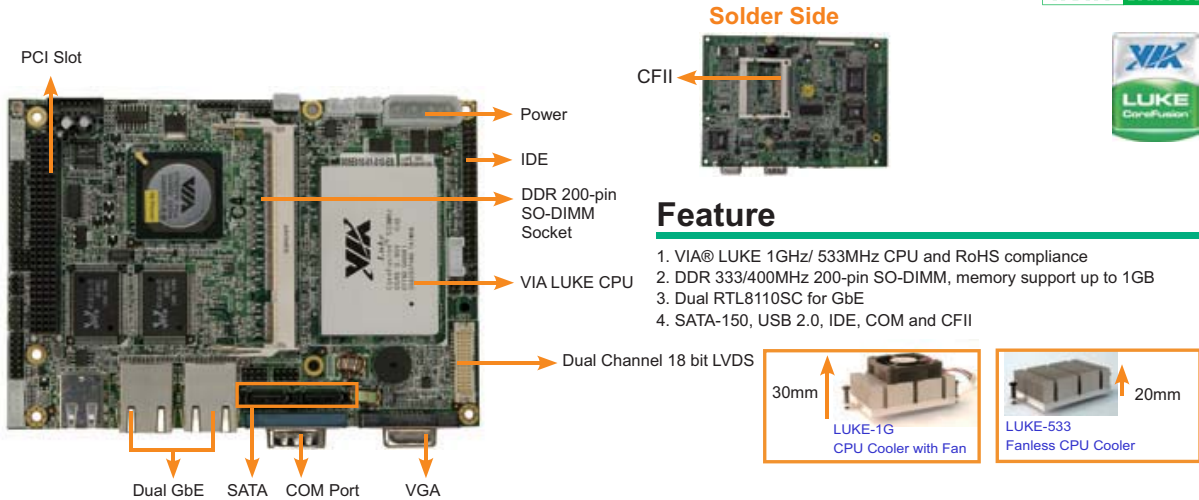


# WAFER-LUKE

3.5" SBC with VIA® LUKE 1GHz/ 533MHz CPU, Dual GbE, SATA, VGA, USB 2.0 and Audio



## Feature

1. VIA® LUKE 1GHz/ 533MHz CPU and RoHS compliance
2. DDR 333/400MHz 200-pin SO-DIMM, memory support up to 1GB
3. Dual RTL8110SC for GbE
4. SATA-150, USB 2.0, IDE, COM and CFII



## Specification

DDR 333

DDR 400

Fanless

SERIAL ATA

USB

Gigabit Ethernet

Microsoft Windows Embedded

- ◆ **CPU**  
VIA® LUKE 533MHz/ 1GHz
- ◆ **System Chipset**  
VIA® VT8237R+
- ◆ **BIOS**  
AMI BIOS
- ◆ **System Memory**  
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **Ethernet**  
Dual RTL8110SC for GbE
- ◆ **I/O**  
6 x USB 2.0  
2 x SATA-150 with RAID 0,1, and JBOD function support  
1 x LPT  
1 x CFII  
1 x RS-232  
1 x RS-232/422/485  
1 x PS/2 for KB/MS  
1 x IDE
- ◆ **Expansion**  
1 x PCI-104 (PCI Bus)
- ◆ **Digital I/O**  
8 bit digital I/O, 4 input/ 4 output by super I/O
- ◆ **IrDA**  
By super I/O

- ◆ **Super I/O**  
W83697HG
- ◆ **Audio**  
AC'97 Codec Realtek ALC655
- ◆ **Display**  
CRT integrated in VIA® LUKE  
LVDS  
Dual channel 18-bit LVDS by VIA® VT1631
- ◆ **Watchdog Timer**  
Software programmable supports 1-255 sec. by super I/O
- ◆ **Power Supply**  
+5V, +12V, AT/ATX support
- ◆ **Power Consumption**  
5V@4.67A, +12V@0.04A, 5VSB@0.02A  
(VIA® Luke 1GHz, DDR 333MHz/1GB SDRAM) -- 3D MARK  
5V@3.82A, +12V@0.04A, 5VSB@0.02A  
(VIA® Luke 533MHz, DDR 333MHz/1GB SDRAM) -- 3D MARK
- ◆ **Temperature**  
Operation: 0° to 60°C
- ◆ **Humidity**  
Operation: 5% to 95%,
- ◆ **Dimension**  
146 mm x 102 mm
- ◆ **Weight**  
GW: 700 g; NW: 260 g

## Packing List

1 x WAFER-LUKE Single Board Computer	1 x KB/MS Cable (P/N: 32000-023800-RS)
1 x ATA33 44P/44P Flat Cable (P/N: 32200-000009-RS)	1 x Audio Cable (P/N: 32000-072100-RS)
2 x SATA Cable (P/N: 32000-062800-RS)	1 x Mini Jumper Pack
1 x SATA Power Cable (P/N: 32100-088600-RS)	1 x Utility CD
1 x RS232/422/485 Cable (P/N: 32200-026500-RS)	1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
WAFER-LUKE-1G-R10	3.5" SBC with VIA® LUKE 1GHz Processor, CRT/LVDS, Dual GbE, SATA and Audio
WAFER-LUKE-533-R10	3.5" SBC with VIA® LUKE 533 MHz Processor, CRT/LVDS, Dual GbE, SATA and Audio
32200-015100-RS	LPT Cable
32000-070300-RS	USB Cable