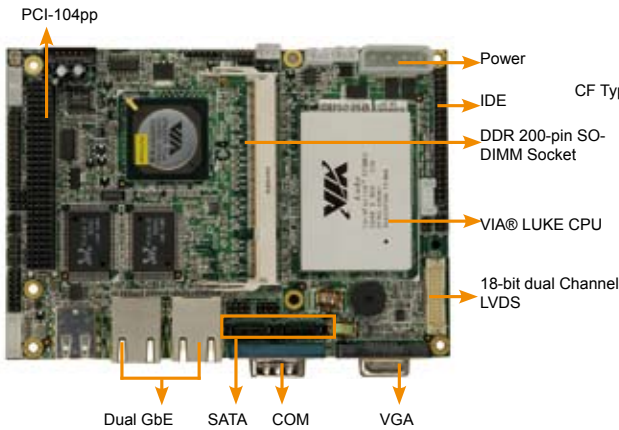


WAFER-LUKE

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



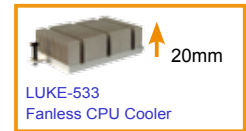
Solder Side



CF Type II



LUKE-1G
CPU Cooler with Fan



LUKE-533
Fanless CPU Cooler

20mm



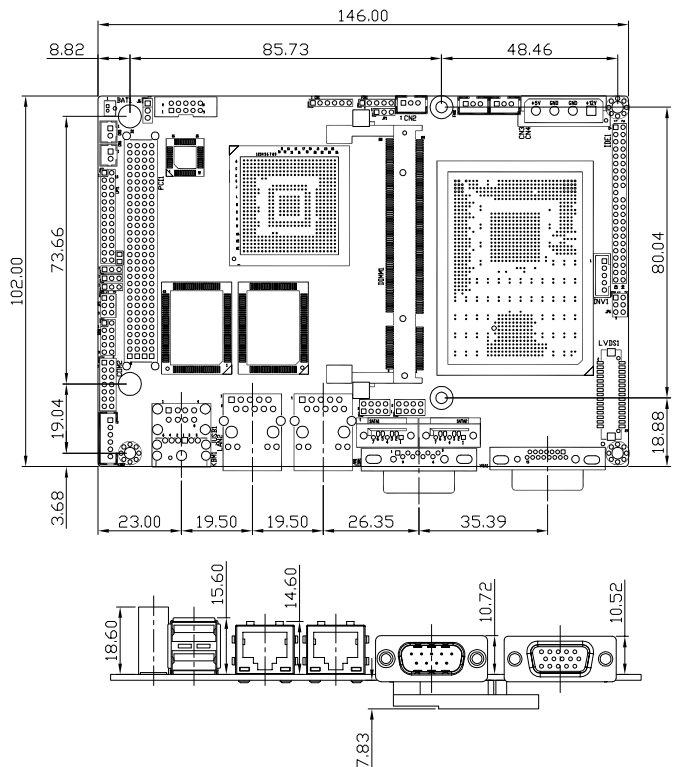
Specifications

- ◆ **CPU**
VIA® LUKE 533MHz/ 1GHz
- ◆ **System Chipset**
VIA® LUKE + VIA® VT8237R+
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
1 x 200-pin SO-DIMM DDR 333/400MHz up to 1GB
- ◆ **Ethernet**
Dual RTL8110SC GbE chipsets
- ◆ **I/O Interface**
6 x USB 2.0
2 x SATA with RAID 0, 1, and JBOD function support
1 x LPT
1 x CF Type II
1 x RS-232
1 x RS-232/422/485
1 x PS/2 for KB/MS
1 x IDE
- ◆ **Expansions**
1 x PCI-104
- ◆ **Digital I/O**
8-bit digital I/O, 4 input/ 4 output by super I/O
- ◆ **IrDA**
1 x IrDA by pin Header
- ◆ **Super I/O**
W83697HG
- ◆ **Audio**
AC'97 Codec Realtek ALC655
- ◆ **Display Interface**
VGA integrated in VIA® LUKE
18-bit dual channel LVDS by VIA® VT1631
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. by super I/O
- ◆ **Power Supply**
5V only, AT/ATX support
- ◆ **Power Consumption**
5V@4.67A, 5VSB@0.02A
(VIA® Luke 1GHz, DDR 333MHz/1GB SDRAM)
5V@3.82A, 5VSB@0.02A
(VIA® Luke 533MHz, DDR 333MHz/1GB SDRAM)
- ◆ **Temperature**
Operation: 0° to 60°C
- ◆ **Humidity**
Operation: 5% to 95%,
- ◆ **Dimensions**
146 mm x 102 mm
- ◆ **Weight**
GW: 700 g; NW: 260 g

Features

1. VIA® LUKE 1GHz/ 533MHz CPU and RoHS compliant
2. DDR 333/400MHz 200-pin SO-DIMM support up to 1GB
3. Dual RTL8110SC GbE chipsets
4. SATA, USB 2.0, IDE, COM and CF Type II

Dimensions



Packing List

1 x WAFER-LUKE Single Board Computer
1 x ATA33 44P/44P Flat Cable (P/N: 32200-000009-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x RS-232/422/485 Cable (P/N: 32200-026500-RS)
1 x KB/MS Cable (P/N: 32000-023800-RS)
1 x Audio Cable (P/N: 32000-072100-RS)
1 x Mini Jumper Pack
1 x Utility CD
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

- 1 Single Board Computer
- 2 VIDEO CARD
- 3 Xscale Solutions
- 4 Open HMI
- 5 VITO Universal Controller
- 6 DINO BLADE
- 7 LCD Product Series
- 8 Embedded System
- 9 Industrial Computer Chassis

- 10 Power Supply
- 11 Peripherals