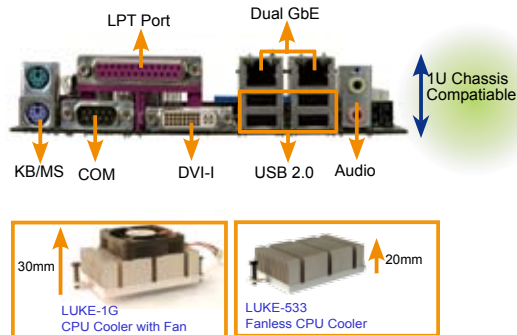
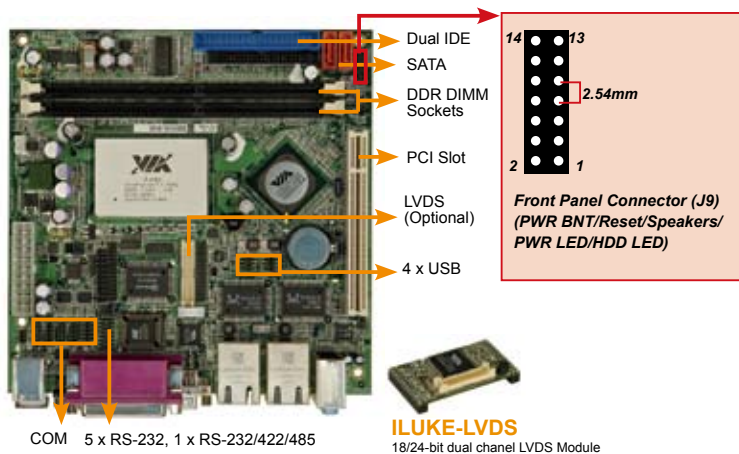


KINO-LUKE-R20

Mini-ITX Motherboard with VIA® LUKE 1GHz/533MHz CPU, CRT/ DVI-I, Dual GbE, SATA, USB 2.0, 6xCOM and Audio



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

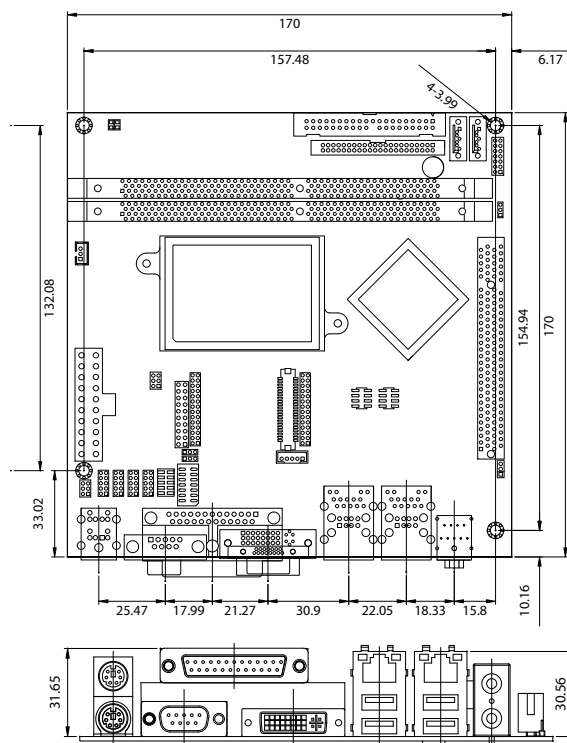
Specifications

- ◆ **CPU**
VIA® LUKE 533MHz/1GHz
- ◆ **System chipset**
VIA® LUKE + VT8237R+
- ◆ **BIOS**
AMI BIOS Label
- ◆ **System Memory**
2 x 184-pin DDR 400/333MHz up to 2GB
- ◆ **Ethernet**
Dual RTL 8110SC GbE chipsets
- ◆ **I/O Interface**
2 x SATA with RAID 0,1 and JBOD function support
2 x IDE
1 x LPT
2 x PS/2 for KB/MS
5 x RS-232
1 x RS-232/422/485
8 x USB 2.0
- ◆ **Expansions**
1 x PCI
- ◆ **Audio**
Realtek ALC655 with AC'97 codec
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output by super I/O
- ◆ **IrDA**
1 x IrDA
- ◆ **Super I/O**
W83697HG
- ◆ **Display Interface**
VGA integrated in VIA® LUKE
24-bit TTL
18-bit or 24-bit dual channel LVDS by ILUKE-LVDS (Option)
1 x DVI Interface
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
AT/ATX support
- ◆ **Power Consumption**
5V@4.09A, 12V@0.15A,
(VIA® LUKE 1GHz, DDR 400MHz 256MB SDRAM)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimensions:** 170 mm x 170 mm
- ◆ **Weight:** GW: 950 g; NW: 380 g

Features

1. Mini-ITX form factor with VIA® LUKE processor
2. DDR 400/333MHz DIMM socket support up to 2GB
3. 24-bit TTL and optional 24-bit dual channel LVDS support
4. Dual RTL8110SC GbE chipsets, SATA, USB 2.0, COM and Audio

Dimensions



Packing List

1 x KINO-LUKE Single Board Computer
1 x ATA66/100 Flat Cable (P/N: 32200-008800-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x Dual RS-232 Cable (P/N: 32200-028401-RS)
1 x I/O Shielding (P/N: 41005-0158C0-00-RS (VGA))
1 x I/O Shielding (P/N: 41005-0159C0-00-RS (DVI))
1 x Mini Jumper Pack
1 x DVI to VGA Adapter (P/N: 33200-000031-RS) (DVI version only)
1 x QIG \ CD (Quick Installation Guide)

Ordering Information

Part No.	Description
KINO-LUKE-533-R20	Mini-ITX VIA® LUKE 533MHz Processor, VGA, Dual GbE, SATA and Audio
KINO-LUKE-1G-R20	Mini-ITX VIA® LUKE 1GHz Processor, VGA, Dual GbE, SATA and Audio
KINO-LUKE-533DVI-R20	Mini-ITX VIA® LUKE 533MHz Processor, DVI, Dual GbE, SATA and Audio
KINO-LUKE-1GDVI-R20	Mini-ITX VIA® LUKE 1GHz Processor, DVI, Dual GbE, SATA and Audio
ILUKE-LVDS-R20	I-LUKE LVDS Module with 18/24-bit dual channel LVDS support
32200-000077-RS	RS-232/422/485 cable
CB-USB02-RS	Dual USB cable
32200-000009-RS	ATA33 44p/44p Flat cable