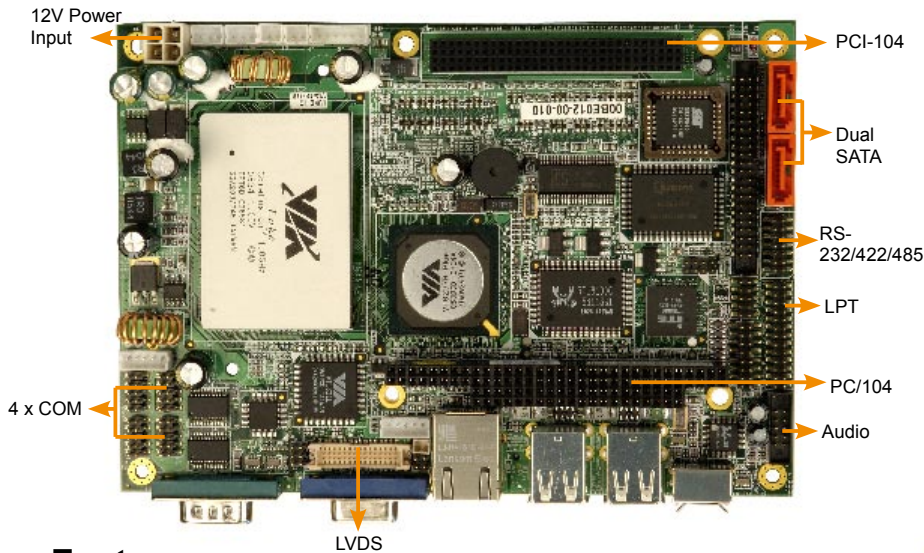
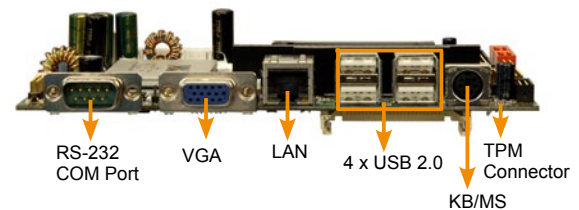


NANO-LUKE

EPIC Formfactor NANO-LUKE with VIA LUKE onboard CPU, GbE, SATA, USB 2.0 and Audio



Solder Side



Feature

1. EPIC form factor, New VIA LUKE processor embedded board with RoHS compliant
2. DDR400 SO-DIMM SDRAM up to 1GB
3. 36-bit LVDS support flat panel
4. Complete I/O support with 2 x SATA-150, IDE, CFII, PC/104+, GbE, and USB2.0

Specification

DDR400

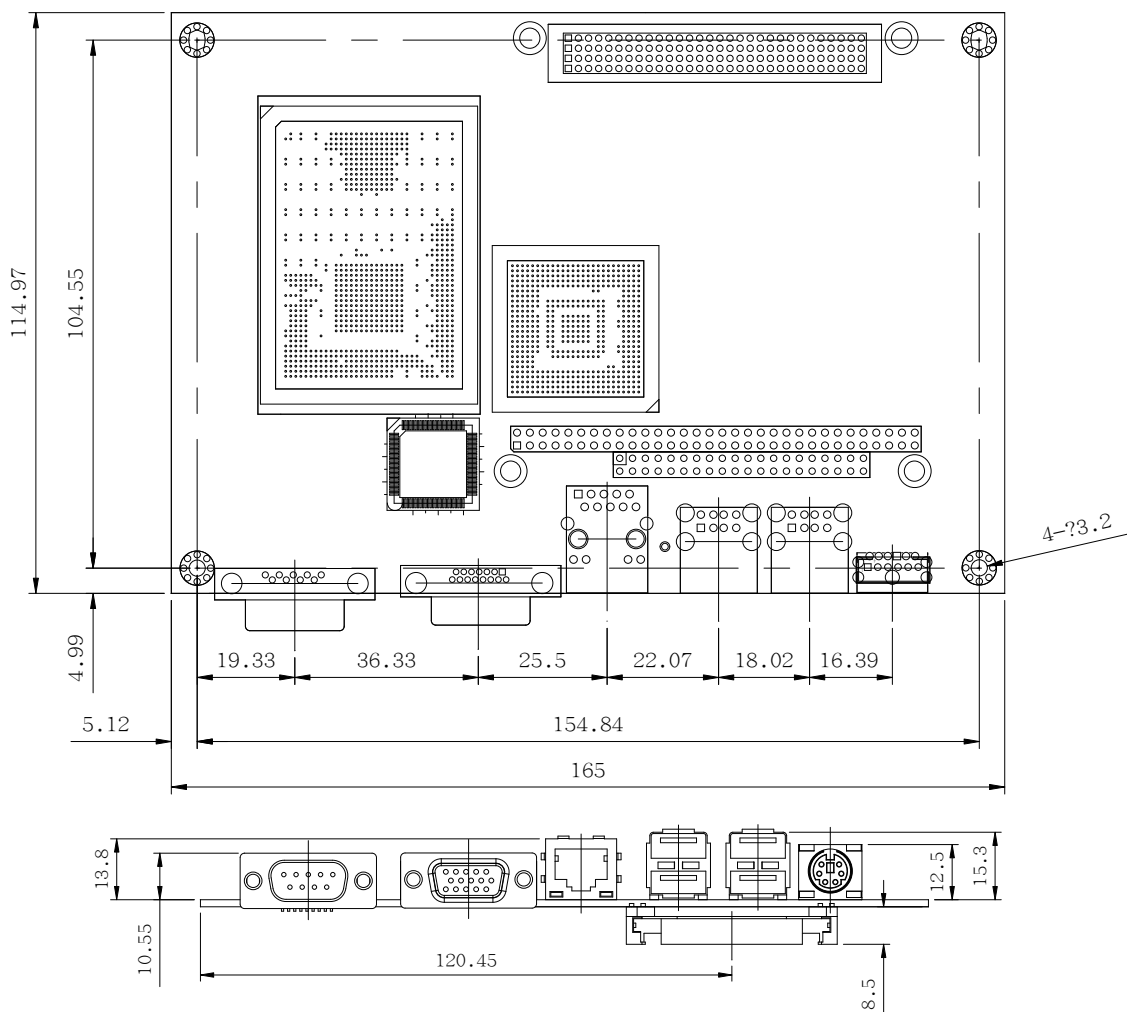


- ◆ **CPU**
VIA LUKE 1GHz
VIA LUKE 533MHz
- ◆ **System Chipset**
VIA VT8237R+
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
1 x 200-pin DDR 400/333MHz SO-DIMM socket support up to 1GB
- ◆ **Ethernet**
RTL8110S for GbE
- ◆ **I/O**
8 x USB 2.0, 4 in rear, by pin header
2 x SATA-150
1 x LPT
1 x CFII
5 x RS232, 1 x RS232/422/485
1 x PS/2 Mini DIMM
1 x ATA-33
- ◆ **Extension**
1 x PC/104+
- ◆ **IrDA**
by super I/O
- ◆ **Audio**
AC'97 2.3 Realtek ALC655
- ◆ **Digital I/O**
4 input / 4 output by super I/O
- ◆ **Super I/O**
W83697HG
- ◆ **Display**
CRT integrated in VIA LUKE
LVDS
36-bit LVDS support by VT1631
- ◆ **Watchdog Timer**
Software programmable supports 1-255 sec. system reset
- ◆ **Power Supply**
+12V only, AT/ATX support
- ◆ **Power Consumption**
12V@1.62A
(VIA LUKE 1GHz with DDR 333MHz 512MB RAM)
- ◆ **Temperature**
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95%, non-condensing
- ◆ **Dimension**
115mm x 165 mm
- ◆ **Weight**
GW: 1100g; NW: 350g

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 NANO-LUKE single board computer	2 x RS-232 cable (P/N: 32200-000049-RS)
1 x IDE flat cable 44p/44p (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 12V Power Cable (P/N: 32100-087100-RS)	1 x QIG (Quick Installation Guide)
1 x PS2 KB/MS Y-cable (P/N: 32000-000138-RS)	

Ordering Information

Part No.	Description
NANO-LUKE-1G-R10	EPIC NANO with VIA LUKE 1GHz processor with CPU cooler, CRT/LVDS dual display, GbE & SATA
NANO-LUKE-533-R10	EPIC NANO with VIA LUKE 533MHz fanless processor with heat sink, CRT/LVDS dual display, GbE & SATA
32200-026500-RS	RS-232/422/485 cable
32000-070300-RS	USB cable
32200-015100-RS	LPT cable
32100-052100-RS	ATX power cable



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