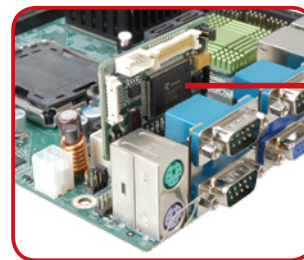
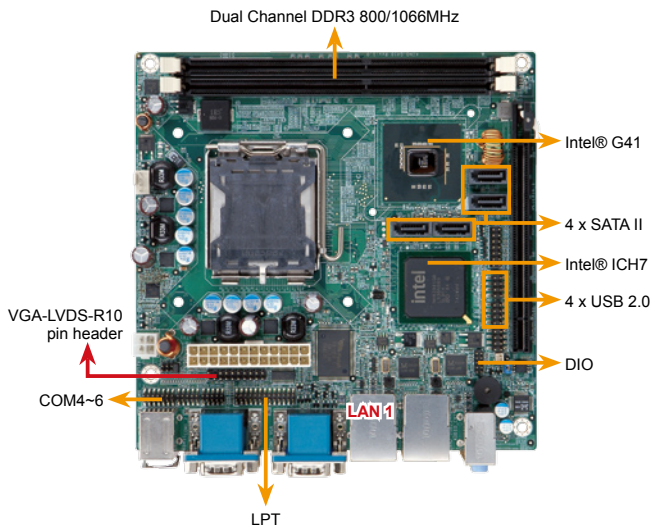


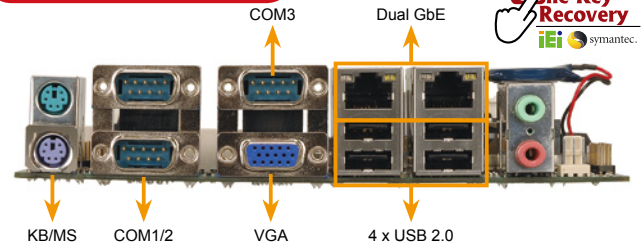
# KINO-G410

Mini-ITX SBC supports socket LGA775 Intel® Core™2 Quad CPU with 1333MHz FSB, DDR3, VGA, dual PCIe GbE, six COM, four SATA II, Audio and RoHS



### VGA-LVDS-R10

VGA to 24-bits dual-channel LVDS support  
Resolution support:  
640x480, 800x600, 1024x768, 1280x1024,  
1366x768, 1920x1080



## Features

1. LGA775 Intel® Core™ 2 Extreme/Quad/Duo and Celeron® processor with up to 1333MHz FSB
2. Intel® GMA X4500 delivers an excellent blend of graphics performance
3. Dual-channel DDR3 800/1066MHz supports up to 8GB
4. VGA and LVDS output for dual display support
5. Complete I/O interface for 6 COM, 8 USB, LPT and 4 SATA II
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

- ◆ CPU  
LGA775 45nm Intel® Core™2 Quad, Core™2 Duo, Pentium® D, Celeron® at FSB 800/1066/1333MHz processors
- ◆ System Chipset  
Intel® G41 + ICH7
- ◆ Memory  
Two 240-pin 800/1066MHz dual-channel DDR3 SDRAM DIMM supported (System max. 8GB)
- ◆ BIOS  
UEFI BIOS
- ◆ Ethernet  
Dual Realtek RTL8111E PCIe GbE controller, LAN 1 with ASF2.0 support
- ◆ Graphic Engine  
Intel® GMA X4500
- ◆ Display Interface  
VGA Integrated in the Intel® G41 24-bit LVDS by VGA-LVDS-R10
- ◆ Super I/O  
Fintek F81865
- ◆ Audio  
Realtek ALC888 HD Audio Codec
- ◆ Expansion  
1 x PCIe x16 slot
- ◆ TPM (optional)  
On board Infineon SLB9635TT1.2
- ◆ I/O Interface  
5 x RS-232 8 x USB 2.0  
1 x LPT 4 x SATA II  
2 x PS/2 KB/MS  
1 x RS-232/422/485 with Auto Flow control
- ◆ Watchdog Timer  
Software programmable support 1~255 sec. system reset
- ◆ Digital I/O  
8-bit digital I/O, 4-bit input / 4-bit output
- ◆ FAN Connector  
1 x 4-pin CPU fan connector  
1 x 3-pin system fan connector
- ◆ Power Supply  
ATX power supply
- ◆ Power Consumption  
5V@6.41A, Vcore\_12V@2.52A, 3.3V@0.27A (2.8GHz Intel® Core™2 Duo E7400 with 1GBx2 DDR3 1066MHz)
- ◆ Operating Temperature: -10°C ~ 60°C
- ◆ Operating Humidity: 5% ~95%, non-condensing
- ◆ Dimensions: 170mm x 170mm
- ◆ Weight: GW:1100g / NW: 700g



## Packing List

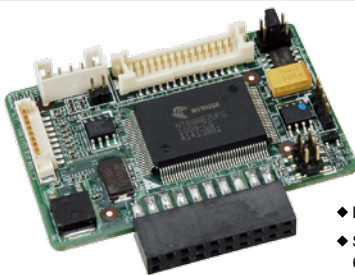
1 x KINO-G410 single board computer	2 x SATA cable (P/N: 32000-062800-RS)
1 x I/O shielding (P/N: 45014-0014C0-00-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
KINO-G410-R10	Mini-ITX SBC supports socket LGA775 Intel® Core™ 2 Quad CPU with 1333MHz FSB, DDR3, VGA, Dual PCIe GbE, 6 COM, 4 SATA II and Audio, RoHS
KINO-G410T-R10	Mini-ITX SBC supports socket LGA775 Intel® Core™ 2 Quad CPU with 1333MHz FSB, DDR3, VGA, Dual PCIe GbE, 6 COM, 4 SATA II and Audio, TPM, RoHS
CB-USB02-RS	Dual ports USB cable with Bracket
32102-000100-200-RS	SATA power cable
CF-775A-RS	CPU cooler for 130W
CF-520-RS-R11	CPU cooler for 115W
CF-775B-RS	1U CPU cooler for 90W
32200-015100-RS	LPT cable
32205-000300-100-RS	RS-232/422/485 cable
19800-000112-RS	Dual RS-232 with bracket cable
VGA-LVDS-R10	VGA to 24-bit dual channel LVDS converter module

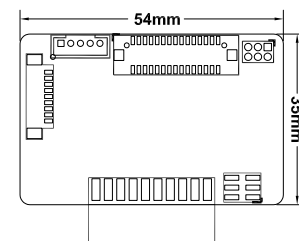
# VGA-LVDS-R10

VGA to 24-bits dual-channel LVDS converter board



- ◆ LVDS supported by scaling chip Novatek 68667UFG
- ◆ Support resolution support:  
640x480, 800x600, 1024x768, 1280x1024, 1366x768, 1920x1080

## Dimensions (Unit : mm)



## Ordering Information

Part No.	Description
VGA-LVDS-R10	VGA to 24-bit dual-channel LVDS converter module
32600-004900-RS	30-pin LVDS connecting cable for evaluation only

## Packing List

1 x VGA to LVDS converter module	1 x QIG
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