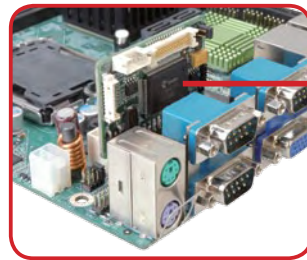
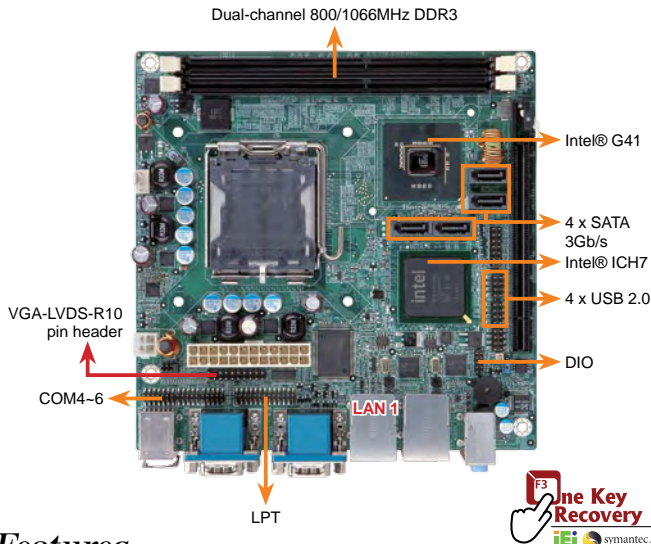


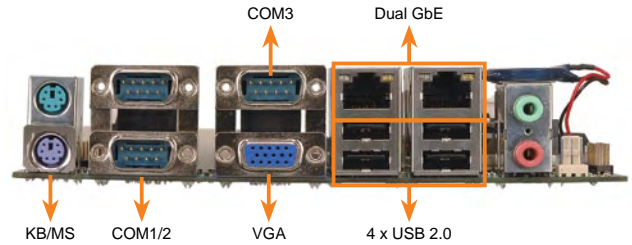
KINO-G410

Mini-ITX SBC supports LGA775 Intel® Core™2 Quad CPU with a 1333MHz FSB, DDR3, VGA, dual PCIe GbE, six COM, four SATA 3Gb/s, audio and RoHS



VGA-LVDS-R10

VGA to 24-bit dual-channel LVDS converter
Supported resolution:
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 800/1066MHz DDR3 supports up to 8GB
4. LVDS supported by VGA-LVDS-R10 converter board
5. Complete I/O interfaces for six COM, eight USB, LPT and four SATA 3Gb/s
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 ASF 2.0 support
- ◆ Graphics Engine
Intel® GMA X4500
- ◆ Display Interface
VGA integrated in 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 3Gb/s
2 x PS/2 KB/MS
1 x RS-232/422/485 with auto flow control
- ◆ Watchdog Timer
Software programmable supports 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 two 1066MHz 1GB DDR3)
- ◆ 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	
1 x I/O shielding (P/N: 45014-0014C0-00-RS)	1 x Mini jumper pack
2 x SATA cable (P/N: 32801-000703-200-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG

Ordering Information

Part No.	Description
KINO-G410-R10	Mini-ITX SBC supports LGA775 Intel® Core™2 Quad CPU with a 1333MHz FSB, DDR3, VGA, Dual PCIe GbE, 6 COM, 4 SATA 3Gb/s and Audio, RoHS
KINO-G410T-R10	Mini-ITX SBC supports LGA775 Intel® Core™2 Quad CPU with a 1333MHz FSB, DDR3, VGA, Dual PCIe GbE, 6 COM, 4 SATA 3Gb/s and Audio, TPM, RoHS
19800-003100-200-RS	Dual-port 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 convertor module

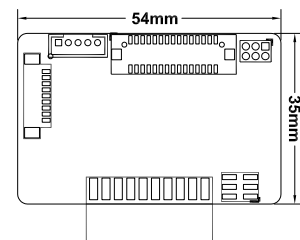
VGA-LVDS-R10

VGA to 24-bit dual-channel LVDS converter board



- ◆ LVDS supported by scaling chip Novatek 68667UFG
- ◆ Supported resolution:
800x600, 1024x768, 1280x1024, 1366x768, 1920x1080
- ◆ Compatible with IEI Mini-ITX SBC KINO-G410 only

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 Mini jumper pack	1 x QIG
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1
Industrial Computing Solutions

2
Video Capture Solutions

3
Embedded Computing Solutions

4
Automation Control

5
ORing Network Communication

6
Power Supply/ Peripherals

7
Panel Solutions Introduction