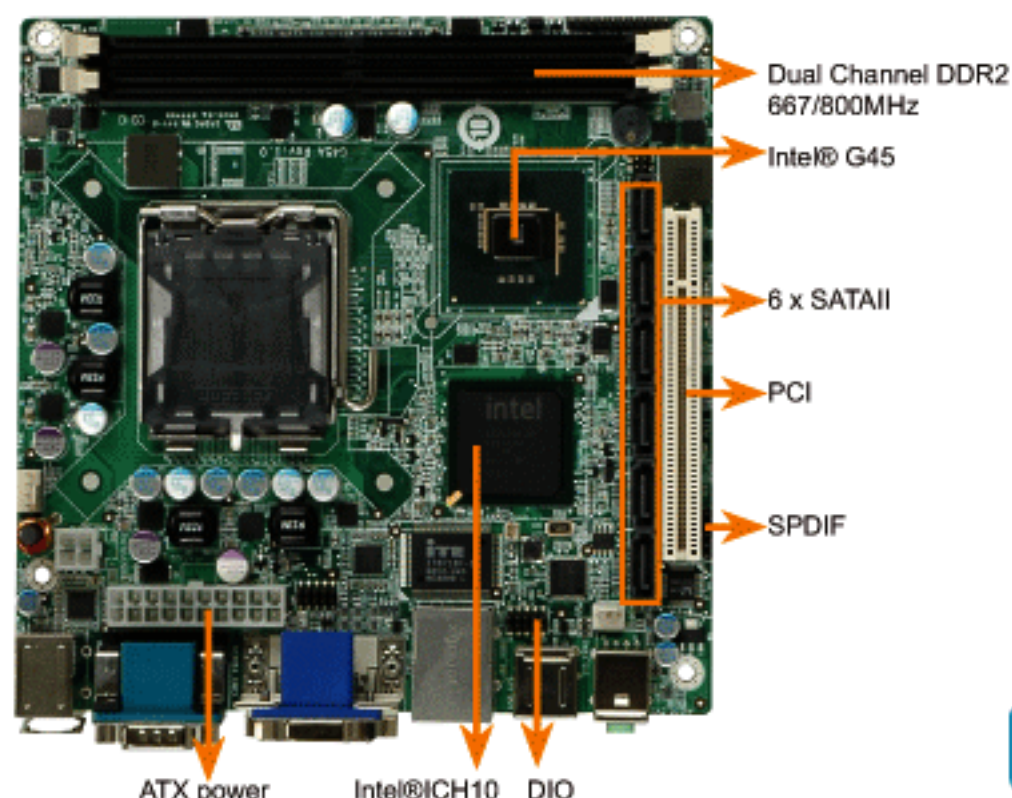


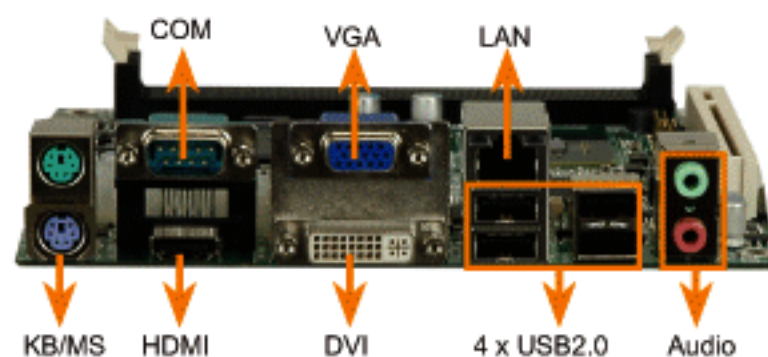
KINO-G45A

Mini-ITX SBC with Socket LGA775 for Intel® 45nm Core™ 2 Duo/Quad CPU with FSB 1333MHz, VGA/DVI/HDMI, PCIe GbE, USB2.0, SATAII and Audio



45nm Core™ 2
Quad CPU and HDMI
support

NEW



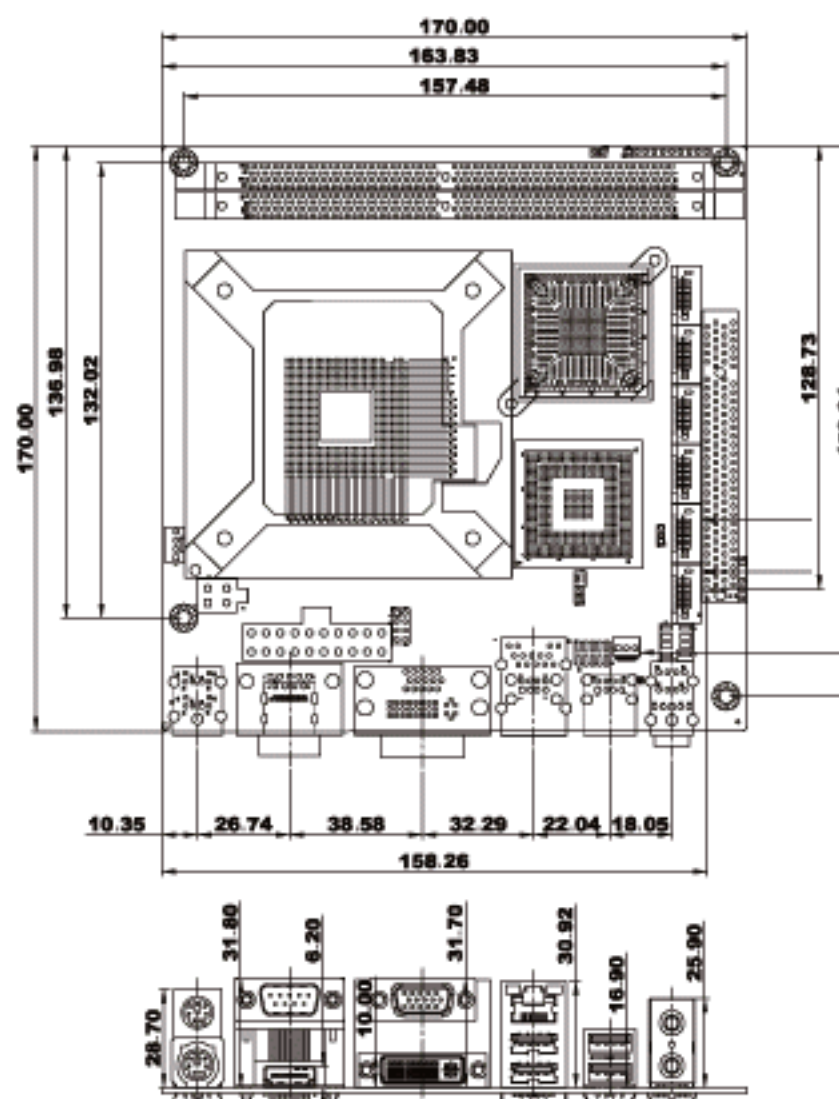
Specifications

- ◆ CPU
Supports Intel® Core™2 Duo/Quad/Extreme processor with FSB 800/1066/1333MHz
- ◆ System Chipset
Intel® G45+ ICH10
- ◆ BIOS
AMI BIOS
- ◆ Memory
Two 240-pin 667/800 DDR2 dual-channel SDRAM DIMMs supported (system max. 4GB)
- ◆ Ethernet
Realtek RTL8111CP PCIe GbE Controller
- ◆ I/O Interface
6 x USB2.0
6 x SATAII
1 x PS2 for KB/MS
1 x RS-232
- ◆ Graphic
Intel® GMA X4500HD for DX10 and OpenGL 2.0 support
- ◆ Display Output
VGA integrated in the Intel® G45 support up to QXGA
Support HDMI integrated in the Intel® G45
DVI-D output support
- ◆ Expansion
1 x PCI
- ◆ SPDIF
1 x 5pin header
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Super I/O
ITE IT8718F
- ◆ Audio
Realtek ALC888 HD codec
- ◆ FAN
1 x CPU FAN
1 x System FAN
- ◆ Watchdog Timer
Software Programmable support 1~255 sec. System reset
- ◆ Power Supply
ATX power
- ◆ Power Consumption
5V@6.99A, 12V@3.54A, 3.3V@0.38A, 5VSB@0.07A
(3.16GHz Intel® Core™2 Duo E8500 with 2GB*2 DDRII 800MHz)
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operation: 5% ~95% non-condensing
- ◆ Dimensions
170 mm x 170 mm
- ◆ Weight:
GW: 1000 g / NW: 390 g

Features

1. Socket LGA775 for Intel® 45nm Core™ 2 Duo/Quad CPU with FSB 1333MHz
2. Intel® GMA X4500HD for DX10 and OpenGL 2.0 support, high performance MPEG-2 decoding, WMV9 (VC-1) and H.264 (AVC) support
3. Display output support by VGA, HDMI, DVI
4. HDMI supporting all HD formats including 720p, 1080i, and 1080p.

Dimensions (mm)



Packing List

- 1 x KINO-G45A single board computer
- 6 x SATA cable (P/N: 32000-062800-RS)
- 1 x Dual USB cable (PN:CB-USB02-RS)
- 1 x I/O shielding (P/N: 45014-0028C0-00-RS)
- 1 x Mini jumper pack
- 1 x Utility CD
- 1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
KINO-G45A-R10	Mini-ITX SBC with Socket LGA775 for Intel® 45nm Core™ 2 Duo/Quad CPU with FSB 1333MHz, VGA/DVI/HDMI, PCIe GbE, USB2.0, SATAII and Audio
32100-088600-RS	SATA Power cable
CF-520-RS-R11	CPU cooler (115mm x 115mm x 67mm, 115W)
CF-775A-RS	CPU cooler (92mm x 92mm x 73mm, 130W)
SAIDE-KIT01-R10	SATA to IDE/CF converter board