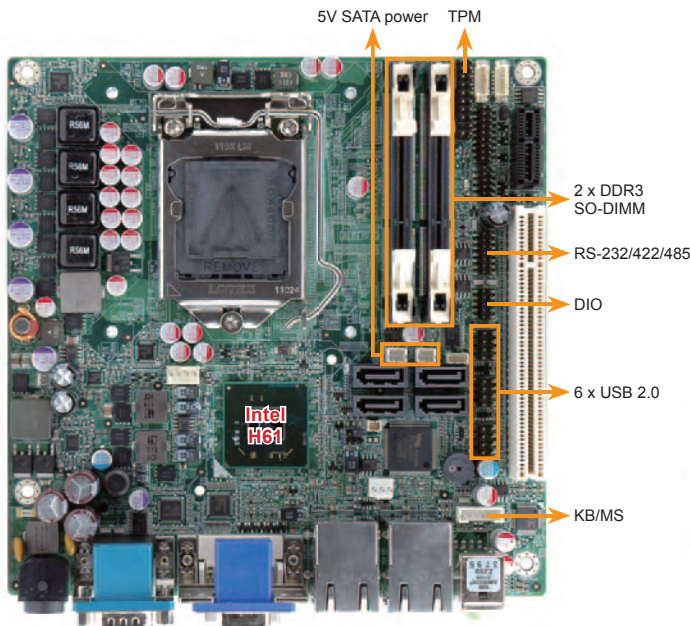


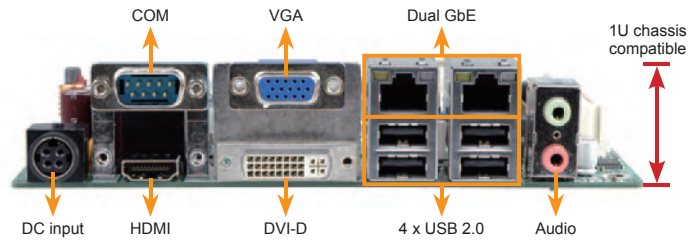
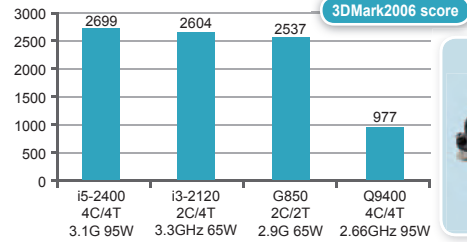
KINO-DH610

Mini-ITX SBC Supports LGA1155 Intel® Core® i3/Pentium®/Celeron® CPU, DDR3, VGA/DVI-D/HDMI, Dual PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS



Sandy bridge processor with HD graphics engine delivers extreme graphics performance

New



Specifications

- ◆ CPU
LGA1155 socket supports Intel® Core™ i3/Pentium®/Celeron® dual core processor (TDP 65W Max.)
- ◆ System Chipset
Intel® H61
- ◆ Memory
Two 204-pin 1066/1333 MHz dual-channel DDR3 SO-DIMM supported (system max. 16 GB)
- ◆ BIOS
UEFI BIOS
- ◆ Ethernet
Dual Realtek RTL8111E PCIe GbE controller with ASF2.0 support
- ◆ Graphics Engine
Support for DX10.1 and OpenGL3.0, full MPEG2, VC1, AVC decode
- ◆ Display Output
DVI-D/VGA/HDMI
- ◆ Super I/O
Fintek F81866
- ◆ Embedded Controller
iWDD
- ◆ Audio
Realtek ALC662 HD Audio codec
- ◆ I/O Interface
1 x RS-232 1 x RS-232/422/485
10 x USB 2.0 1 x TPM pin-header
4 x SATA 3Gb/s 2 x SATA power (5V) connector
1 x 6-pin header for PS/2 KB/MS
- ◆ Expansions
1 x PCI
1 x PCIe x1
- ◆ 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
Maximum input voltage range: 9V~28V
Recommended operating input voltage range: 12V~24V
1 x External DC jack (4-pin DIN)
1 x Internal 4-pin (2x2) power connector
- ◆ Power Consumption
12V@5.07A (2.2GHz Intel® G620T with two 1066 MHz 2 GB DDR3 running 3DMark06 burn in)
12V@8.85A (2.8GHz Intel® Core™ i7-2600S with two 1066 MHz 2 GB DDR3 running 3DMark06 burn in)
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~95%, non-condensing
- ◆ Dimensions
170mm x 170mm
- ◆ Weight
GW: 1100g, NW: 700g

Features

1. LGA1155 socket for Intel® Sandy bridge processor supported
2. Up to 16 GB 1333/1066 MHz dual-channel DDR3 SDRAM
3. Support dual display by DVI/VGA/HDMI
4. SATA 3Gb/s, PCI and PCIe x1 expansion slots supported
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x KINO-DH610 Single Board Computer
2 x SATA with 5V Power Cable (P/N: 32801-000201-100-RS)
1 x I/O Shielding (P/N: 45014-0032C0-00-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
KINO-DH610-R10	Mini-ITX SBC supports LGA1155 Intel® Core™ i3/Pentium®/Celeron® CPU, DDR3, VGA/DVI-D/HDMI, Dual PCIe GbE, USB 2.0, SATA 3Gb/s, HD Audio and RoHS
19800-003100-100-RS	Dual port USB cable w/bracket
19800-000110-RS	RS-232/422/485 cable w/bracket
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17
SACF-KIT01-R10	SATA to CF converter board
32000-023800-RS	KB/MS Y cable
CPU-DT-i5-2500T	Intel® Core™ i5-2500T processor, LGA1155, Quad core 2.3GHz, 6M Cache, 45W, compatible with CF-1156C-RS CPU cooler
CPU-DT-i5-2390T	Intel® Core™ i5-2390T processor, LGA1155, Dual core 2.7GHz, 3M Cache, 35W, AMT, compatible with CF-1156C-RS CPU cooler
CPU-DT-i3-2100T	Intel® Core™ i3-2100T processor, LGA1155, Dual core 2.5GHz, 3M Cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-P-G620T	Intel® Pentium G620T processor, LGA1155, Dual core 2.2GHz, 3M Cache, 35W, compatible with CF-1156C-RS CPU cooler
CPU-DT-C-G440	Intel® Celeron G440 processor, LGA1155, Single core 1.6GHz, 1M Cache, 35W, compatible with CF-1156C-RS CPU cooler
CF-1156C-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 65W