

KINO-DH610

Mini-ITX SBC supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU



Features

- » LGA1155 socket for 2nd generation Intel® Core™ i3/Pentium®/Celeron® processor supported
- » Up to 16 GB 1333/1066 MHz dual-channel DDR3 SDRAM
- » Supports dual display by DVI/VGA/HDMI™
- » SATA 3Gb/s, PCI and PCIe x1 expansion slots supported
- » Wide range 9 ~ 28V DC input support with either adaptor or 4-pin (2x2) ATX power connector
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

| System | |
|--------------------------|--|
| CPU | LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium®/Celeron® dual-core processor (TDP 65W max.) |
| Chipset | Intel® H61 |
| Memory | Two 204-pin 1066/1333 MHz dual-channel unbuffered DDR3L SDRAM SO-DIMM |
| Memory Max. | 16GB |
| Physical Characteristics | |
| Dimensions (LxWxH) (mm) | 170 X 170 |
| Net Weight | 700g |
| Storage | |
| Storage | 4 x SATA :3Gb/s |
| I/O Interface | |
| Display Output | 1 x VGA :up to 2048x1536@75Hz 1 x DVI-D :up to 1920x1200@60Hz 1 x HDMI™ :up to 1920x1200@60Hz |
| Ethernet | 2 x LAN :LAN1: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support LAN2: Realtek RTL8111E PCIe GbE controller |
| Audio | Description: Realtek ALC662 HD codec 1 x Line out :on rear IO 1 x Mic :on rear IO |
| I/O Interface | 1 x External RS-232 1 x Internal RS-232/422/485 :2X7 pin, p=2.0 4 x External USB 2.0 1 x PS/2 :1x6 pin |
| Expansion | 1 x PCIe x1 1 x PCI Slot |
| Other Features | |
| TPM | 2x10 pin |
| Power | |
| Power Consumption | 12V@5.07A (2.2GHz Intel® G620T with two 1066 MHz 2 GB DDR3 memory running 3DMark06 burn in) |

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|-----------------------|--|
| | 12V@8.85A (2.8GHz Intel® Core™ i7-2600S with two 1066 MHz 2 GB DDR3 memory running 3DMark06 burn in) |
| 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 power connector (2x2 pin) |
| Environment | |
| Operating Temperature | -10°C ~ 60°C |
| Storage Temperature | -20°C ~ 70°C |
| Humidity | 5% ~ 95%, non-condensing |
| Certifications | |
| Safety & EMC | CE/FCC compliant |

Ordering Information

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|----------------|---|
| KINO-DH610-R10 | Mini-ITX SBC supports LGA1155 CPU,DDR3,VGA/DVI-D/HDMI™,Dual PCIe GbE,USB 2.0,SATA 3Gb/s,HD Audio and RoHS |
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Packing List

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|--------------------------------------|------------------------------|
| 1 x KINO-DH610 single board computer | 1 x I/O shielding |
| 1 x Mini jumper pack | 2 x SATA with 5V power cable |
| 1 x QIG | |