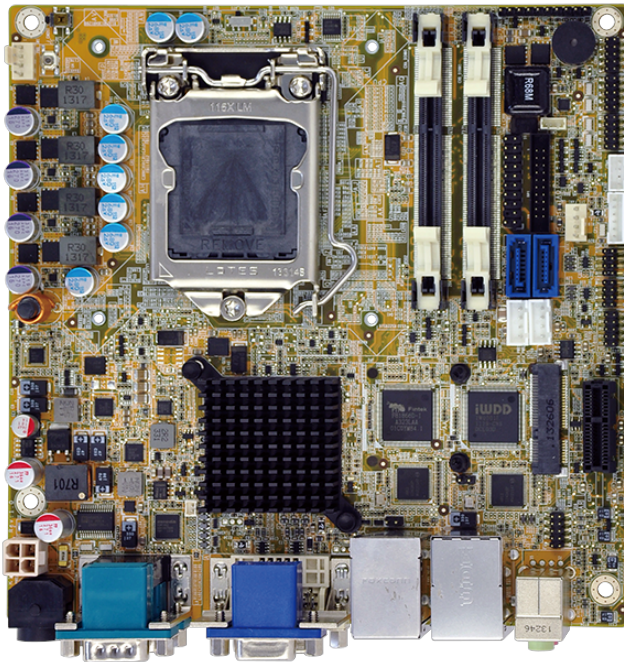


KINO-DH810

Mini-ITX SBC with LGA1150 4th generation Intel® Core™ i7/i5/i3, Pentium® or Celeron® CPU



Features

- » 4th generation LGA1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported
- » DDR3 1066/1333/1600 MHz dual-channel SDRAM
- » 3D micro-architecture enhancement supports DX11.1, OCL 1.2 and OGL3.2
- » Rich media acceleration for hardware decode and encode acceleration
- » High-speed I/O interface for USB 3.0, SATA 6Gb/s and mSATA
- » IEI Jumper-less function

Specifications

| | |
|--------------------------|--|
| System | |
| CPU | 4th generation LGA1150 Intel® Core™ i7/i5/i3, Pentium® or Celeron® processor supported |
| Chipset | Intel® H81 |
| Memory | Two 204-pin 1600/1333 MHz dual-channel DDR3 SDRAM unbuffered SO-DIMM |
| Memory Max. | 16GB |
| Physical Characteristics | |
| Dimensions (LxWxH) (mm) | 170 X 170 |
| Net Weight | 450g |
| Storage | |
| Storage | 2 x SATA :6Gb/s with SATA power connector |
| I/O Interface | |
| Display Output | 1 x VGA :up to 1920x1200@60Hz |
| | 1 x DVI-D :up to 2560x1600@60Hz |
| | 1 x iDP :interface for HDMI™, LVDS, VGA, DVI, DP (up to 3840x2160@60Hz) |
| Ethernet | 2 x LAN Intel® I211-AT PCIe controller |
| Audio | Description: Realtek ALC662 HD Audio codec |
| | 1 x Line out :on rear IO |
| | 1 x Mic :on rear IO |
| I/O Interface | 1 x Front Audio :2x5 pin |
| | 2 x External RS-232 |
| | 3 x Internal RS-232 :2x5 pin, p=2.0 |
| | 1 x Internal RS-422/485 :1x4 pin, p=2.0 |
| | 2 x External USB 2.0 |
| Expansion | 2 x External USB 3.2 Gen1x1 |
| | 4 x Internal USB 2.0 :2x4 pin, p=2.0 |
| | 1 x PCIe x1 |
| | 1 x PCIe mini Card Slot :Full-Size slot(support mSATA) |
| Other Features | |

| | |
|-----------------------|--|
| TPM | 2x10 pin |
| Power | |
| Power Consumption | +12V@6.03A (Intel® Core™ i7-4770K 3.90 GHz CPU with two 1333 MHz 4 GB DDR3 memory) |
| Power Supply | 12V only DC input 1 x External DC jack (4-pin DIN) 1 x Internal power connector (2x2 pin) Support AT/ATX mode |
| Environment | |
| Operating Temperature | -20°C ~ 60°C |
| Storage Temperature | -30°C ~ 70°C |
| Humidity | 5% ~ 95%, non-condensing |
| Certifications | |
| Safety & EMC | CE/FCC compliant |

Ordering Information

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|--------------------|--|
| KINO-DH810-R10 | Mini-ITX SBC support LGA1150 CPU, DVI-D /VGA / iDP, Dual Intel® PCIe GbE, USB 3.0, SATA 6Gb/s, HD Audio and RoHS |
| KINO-DH810-ECO-R10 | LGA1150 Intel® 4th generation Core™ i7/i5/i3, Pentium® or Celeron® CPU, DDR3, DVI-D, VGA, iDP, Dual Intel® PCIe GbE, USB 3.0, SATA 6Gb/s, HD Audio, ECO packing and RoHS |

Packing List

| | |
|--------------------------------------|-------------------------------|
| 1 x KINO-DH810 single board computer | 2 x SATA with power cable kit |
| 1 x I/O shielding | 1 x QIG |