

# KINO-AH612

Mini-ITX SBC supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with H61



## Features

- » LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
- » Dual-channel 1333/1066 MHz DDR3 supports up to 16 GB
- » Supports dual independent display by VGA and DVI-D
- » Supports six COM ports, four SATA 3Gb/s ports and one PCIe x4 slot for IO expansion card
- » 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® processor
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
Ethernet	2 x LAN : LAN: Realtek RTL8111E PCIe GbE controller with ASF 2.0 support
Audio	Description: Realtek ALC662 HD codec 1 x Line out :on rear IO 1 x Mic :on rear IO 1 x Front Audio :2x5 pin
I/O Interface	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 4 x External USB 2.0 4 x Internal USB 2.0 :2x4 pin, p=2.54 2 x PS/2 :1 X 1x6 pin
Expansion	1 x PCIe x4
Other Features	
TPM	2x10 pin
Power	
Power Consumption	5V@3.9A, 12V@0.36A, Vcore_12V@8.28A, 3.3V@1.24A, 5VSB@0.18A (3.4GHz Intel® Core™ i7-2600 with two 1333 MHz 2 GB DDR3 memory)
Power Supply	Support ATX mode

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

KINO-AH612-R10	Mini-ITX SBC supports LGA1155 Intel Core i7 /i5/ i3 CPU,DDR3,VGA,6COM,Dual PCIe GbE,SATA 3Gb/s,HD Audio and RoHS
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## Packing List

1 x KINO-AH612 single board computer	2 x SATA cable
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x I/O shielding	1 x QIG