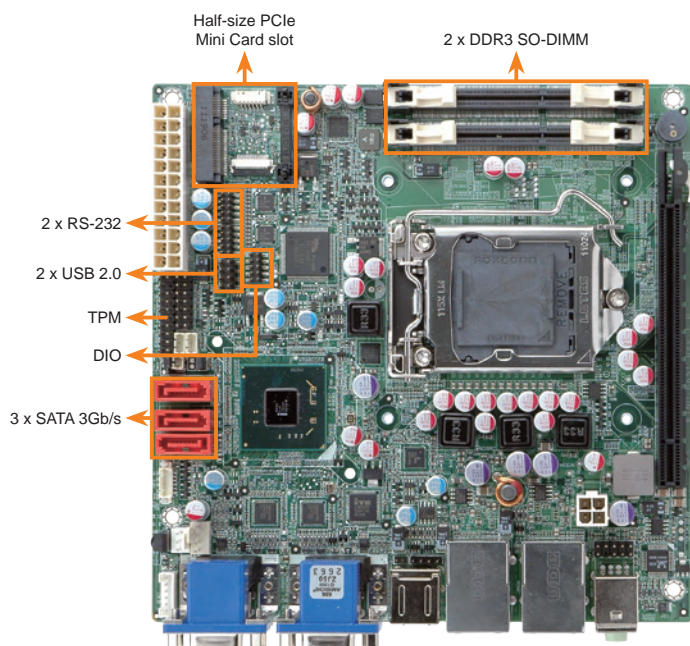
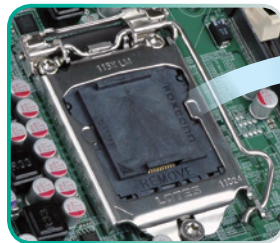


# KINO-AH611

Mini-ITX SBC Supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU, DDR3, Dual HDMI/Dual VGA, Dual PCIe GbE, SATA 3Gb/s, HD Audio and RoHS



## 2011 LGA1155 Solution



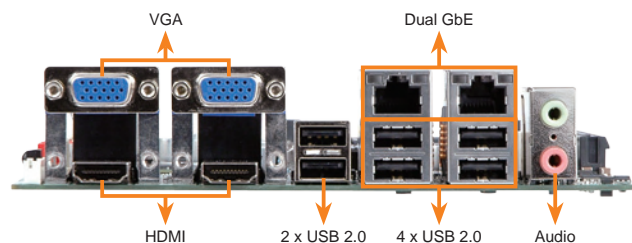
Upgradable

Socket compatible with Intel® 2012 3rd generation Core™ i7 Processor

**New**



2012 3rd generation Core™ i7 Processor



TPM 1.2 Support

## Specifications

- ◆ CPU  
LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor
- ◆ System Chipset  
Intel® H61
- ◆ Memory  
Two 204-pin 1066/1333 MHz dual-channel DDR3 SDRAM SO-DIMMs supported (system max. 16GB)
- ◆ BIOS  
UEFI BIOS
- ◆ Ethernet  
Dual Realtek RTL8111E PCIe GbE controller with ASF 2.0 support
- ◆ Graphics Engine  
Support for DX10.1 and OpenGL3.0, full MPEG2, VC1, AVC decode
- ◆ Display Output  
Dual display supported  
2 x VGA  
2 x HDMI
- ◆ Super I/O  
Fintek F81866
- ◆ Embedded Controller  
iWDD
- ◆ Audio  
Realtek ALC662 HD Audio codec
- ◆ I/O Interface  
2 x RS-232                      8 x USB 2.0  
1 x TPM pin-header        3 x SATA 3Gb/s  
1 x 6-pin header for PS/2 KB/MS
- ◆ Expansions  
1 x PCIe x16 slot  
1 x Half-size PCIe Mini card slot
- ◆ Watchdog Timer  
Software programmable supports 1~255 sec. system reset
- ◆ Digital I/O  
Programmable 8-bit GPIO
- ◆ Fan Connector  
1 x 4-pin CPU fan connector  
1 x 3-pin system fan connector
- ◆ Power Supply  
ATX Power Supply
- ◆ Power Consumption  
5V@3.47A, 12V@0.11A, Vcore\_12V@6.73A, 3.3V@1.01A, 5VSB@0.15A  
(3.4GHz Intel® Core™ i7-2600K with two 1333 MHz 2 GB DDR3 SO-DIMMs)
- ◆ Operating Temperature  
-10°C ~ 60°C
- ◆ Operating Humidity  
5% ~95%, non-condensing
- ◆ Dimensions  
170mm x 170mm
- ◆ Weight  
GW:1100g, NW: 700g

## Features

1. LGA1155 for the next generation Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor supported
2. Up to 16 GB 1333/1066 MHz dual-channel DDR3 SDRAM
3. Support dual independent display by dual VGA and dual HDMI
4. Two COM ports and three SATA 3Gb/s connectors supported
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Packing List

1 x KINO-AH611 single board computer
3 x SATA cable (P/N: 32801-000703-200-RS)
1 x Dual RS-232 cable (P/N: 19800-000112-RS)
1 x I/O shielding (P/N: 45014-0035C0-00-RS)
1 x One Key Recovery CD
1 x Mini jumper pack
1 x Utility CD
1 x QIG

## Ordering Information

Part No.	Description
KINO-AH611-R10	Mini-ITX SBC supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU, DDR3, dual HDMI/dual VGA, dual PCIe GbE, SATA 3Gb/s, HD Audio and RoHS
19800-003100-200-RS	Dual port USB cable with bracket
32102-000100-200-RS	SATA power cable
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-1156A-RS	High-performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 73W
CF-1156B-RS	High-performance LGA1155/LGA1156 cooler kit, 95W
CF-1156C-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 65W

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Embedded Computing Solutions

4

ORing Network Communication

5

Power Supply/Peripherals

6

Panel Solutions Introduction