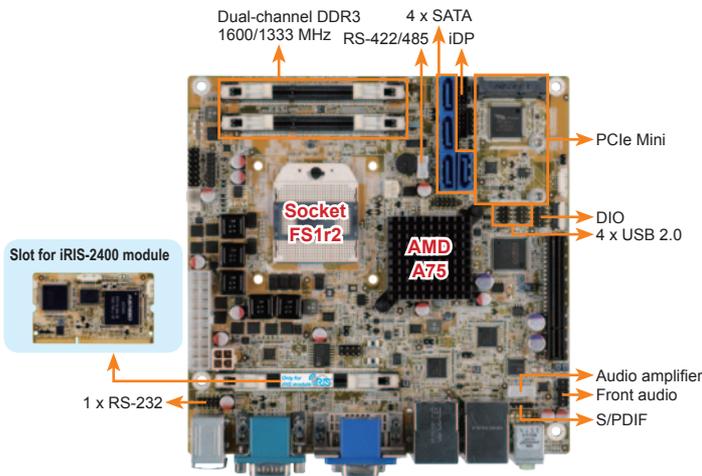


# KINO-AA750-i2

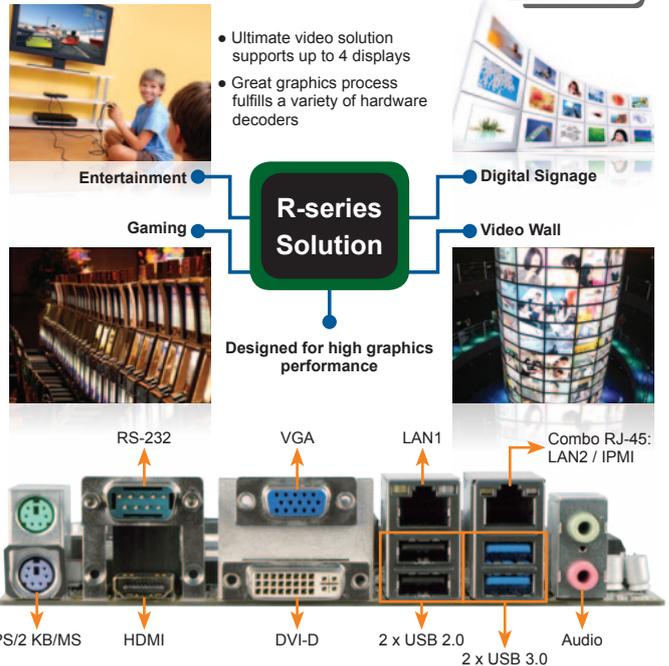
Mini-ITX SBC supports Socket FS1r2 AMD R-series APU with A75, DDR3, HDMI/DVI-D/VGA/iDP, dual Intel® PCIe GbE, USB 3.0, SATA 6Gb/s, HD Audio, iRIS-2400 and RoHS



## Specifications

- ◆ CPU  
Socket FS1r2 supports AMD Embedded R-Series APU
- ◆ PCH  
AMD A75
- ◆ Memory  
Two 204-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM unbuffered DIMMs support up to 16 GB  
Support for 1.5V/1.35V/1.25V DDR3
- ◆ BIOS  
UEFI BIOS
- ◆ Ethernet  
LAN1: Intel® I210-AT PCIe controller with NCSI support  
LAN2: Intel® I211-AT PCIe controller
- ◆ Graphics Engine  
AMD Radeon™ GPUs (Radeon™ HD 7000 series), supports DX11, UVD3 H.264, VC-1, MPEG-2, DivX Direct X® 11, Open CL™ 1.1, OpenGL 4.2
- ◆ Display Output  
1 x HDMI (rear IO) (up to 1920x1080@60 Hz)  
1 x DVI-D (rear IO) (up to 1920x1080@60 Hz)  
1 x VGA (up to 1920x1200@60 Hz)  
1 x iDP interface for HDMI, LVDS, VGA, DVI, DP (up to 2560x1600@60 Hz)
- ◆ Audio  
Realtek ALC892 HD Audio codec (line-out, mic-in) (2x5 pin)  
1 x S/PDIF (1x4 pin)  
1 x Audio amplifier (2x3 watt)
- ◆ External I/O Interface  
1 x KB/MS 2 x USB 2.0  
1 x RS-232 2 x USB 3.0
- ◆ Internal I/O Interface  
1 x RS-232 (2x5 pin, P=2.00) 4 x SATA 6Gb/s  
1 x RS-422/485 (1x4 pin, P=2.00) 4 x USB 2.0 (2x4 pin, P=2.00)
- ◆ SMBus  
1 x SMBus (1x4 pin)
- ◆ Expansion  
1 x PCIe Mini card slot 1 x PCIe x8  
1 x SIM card socket 1 x SD card socket
- ◆ iRIS Remote Management Module  
1 x iRIS-2400 slot
- ◆ Watchdog Timer  
Software programmable, support 1~255 sec. system reset
- ◆ Digital I/O  
8-bit digital I/O (2x5 pin)
- ◆ LAN LED  
2 x LAN LED (1x2 pin)
- ◆ Infrared Interface  
1 x Infrared (1x5 pin)
- ◆ Fan Connector  
1 x CPU smart fan (1x4 pin)  
1 x System fan (1x3 pin)
- ◆ Power Supply  
20+4 ATX power  
Supports AT/ATX mode
- ◆ Power Consumption  
+12@2.45A, +5V@3.25A, 3.3@0.76A (AMD R-460H APU with two 8 GB 1600 MHz DDR3 memory)
- ◆ Operating Temperature  
0°C ~ 60°C
- ◆ Storage Temperature  
-10°C ~ 70°C
- ◆ Operating Humidity  
5% ~ 95%, non-condensing
- ◆ Dimensions  
170mm x 170mm
- ◆ Weight  
GW:900g, NW: 450g

## Target Market of R-series



## Features

- Socket FS1r2 supports AMD Embedded R-Series APU
- 1066/1333/1600 MHz dual-channel DDR3 SDRAM
- Supports triple display via HDMI, DVI, VGA and iDP
- 3D micro-architecture enhancement supports DX11, OCL 1.1 and OGL4.2
- Rich media acceleration for hardware decode and encode acceleration
- High speed I/O interface for USB 3.0 and SATA 6Gb/s
- IEL jumper-less function
- Supports IPMI 2.0 via iRIS-2400 module

## Packing List

1 x KINO-AA750-i2 single board computer	
1 x I/O shielding	1 x QIG
1 x SATA cable	1 x Utility CD

## Ordering Information

Part No.	Description
KINO-AA750-i2-R10	Mini-ITX SBC supports Socket FS1r2 AMD R-series APU with A75, DDR3, HDMI, DVI-D, VGA, iDP, dual Intel® PCIe GbE, USB 3.0, SATA 6Gb/s, HD Audio, iRIS-2400 and RoHS
iRIS-2400-R10	IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface
19800-000075-RS	PS/2 KB/MS Y-cable with bracket, 220mm
19800-000300-100-RS	RS-232 cable, 230mm (P=2.0 mm) with bracket
19800-003100-300-RS	Dual-port USB 2.0 cable with bracket
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32205-003800-300-RS	RS-422/485 cable, 200mm
32801-000703-400-RS	SATA cable with power output cable
CF-989B-RS-R11	CPU cooler for 50W processor, aluminum
IO-KIT-001-R20	DVI and quad-port USB 2.0 adapter card, RoHS