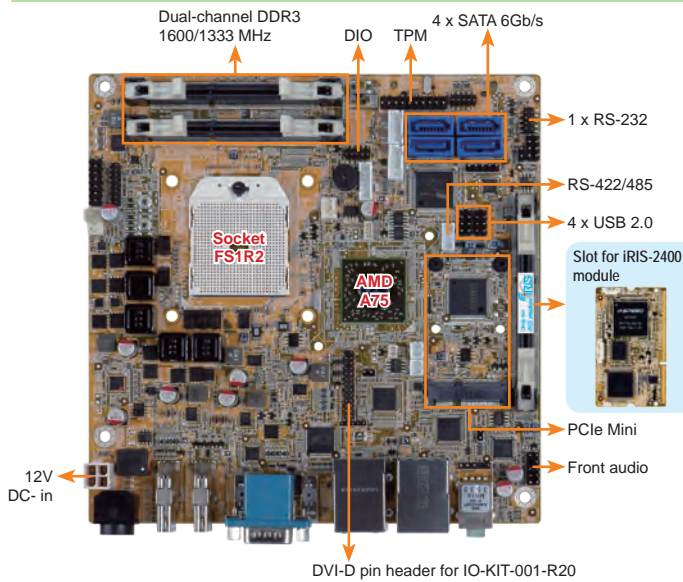
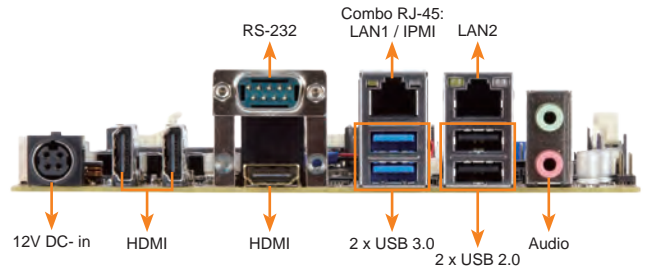


# KINO-DA750-i2

Mini-ITX SBC supports Socket FS1r2 AMD R-series APU with A75, triple HDMI, DVI, dual PCIe GbE, USB 3.0, PCIe Mini, SATA 6Gb/s and audio, iRIS-2400 and RoHS



Single Large Surface (SLS) mode is activated when you create an AMD Eyefinity technology display group in the AMD Catalyst™ Control Center



## Specifications

- ◆ CPU  
Socket FS1r2 supports AMD Embedded R-Series APU
- ◆ Chipset  
AMD A75
- ◆ Memory  
Two 204-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM unbuffered DIMMs support up to 16 GB
- ◆ 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), support DX11, UVD3 H.264, VC-1, MPEG-2, DivX Direct X® 11, Open CL™ 1.1, OpenGL 4.2
- ◆ Display Output  
3 x HDMI (up to 1920x1080@60 Hz)  
1 x DVI-D (via header to IO-KIT-001-R20 DVI-D/USB module) (optional)
- ◆ Audio  
Realtek ALC892 HD Audio codec  
2 x Audio jacks (line-out, mic-in) on rear IO  
1 x Front audio (2x5 pin)
- ◆ External I/O Interface  
1 x RS-232  
2 x USB 2.0  
2 x USB 3.0
- ◆ Internal I/O Interface  
1 x KB/MS (1x6 pin) 2 x SATA power connector (4P, P=2.54)  
1 x RS-232 (2x5 pin, P=2.0) 4 x USB 2.0 (2x4 pin, P=2.54)  
1 x RS-422/485 (1x4 pin, P=2.0) 6 x SATA 6Gb/s (RAID 0/1/5/10 supported)  
1 x SD card slot
- ◆ SMBus  
1 x SMBus (1x4 pin)
- ◆ TPM  
1 x TPM (2x10 pin)
- ◆ Expansion  
1 x CFAST  
1 x PCIe Mini card slot (support mSATA, colay SATA4, with SIM holder)
- ◆ 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 interface (1x5 pin)
- ◆ Fan Connector  
1 x CPU smart fan (1x4 pin)  
1 x System fan (1x3 pin)
- ◆ 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
- ◆ Power Consumption  
12V@3.45A (AMD R-464L 2.3 GHz CPU with 8 GB (two 4 GB) 1333 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

## Features

- Socket FS1r2 supports AMD Embedded R-Series APU
- DDR3 1066/1333/1600 MHz dual-channel SDRAM
- Quad independent display by three HDMI 1.4a and one DVI-D
- 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, SATA 6Gb/s and CFAST
- IEI jumper-less function
- Support IPMI 2.0 via iRIS-2400 module

## Packing List

- 1 x KINO-DA750-i2 single board computer
- 1 x SATA cable with power output cable
- 1 x I/O shielding
- 1 x Utility CD
- 1 x QIG

## Ordering Information

Part No.	Description
KINO-DA750-i2-R10	Mini-ITX SBC supports Socket FS1r2 AMD R-series APU with A75, triple HDMI, DVI, dual PCIe GbE, USB 3.0, SATA 6Gb/s, PCIe Mini and 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 cable with bracket, 220mm, P=2.0
19800-000300-100-RS	RS-232 cable with bracket, 300mm, P=2.0
19800-003100-100-RS	Dual port USB cable with bracket, 300mm, P=2.54
32205-003800-300-RS	RS-422/485 cable, 200mm, P=2.0
32801-000100-300-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
TPM-IN01-R20	20-pin Infineon TPM module, software management tool, firmware v3.17