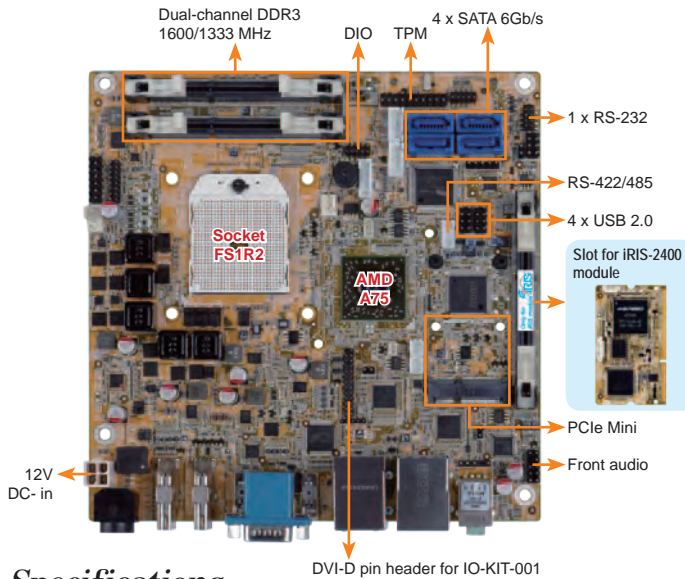


# KINO-DA750-i2

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

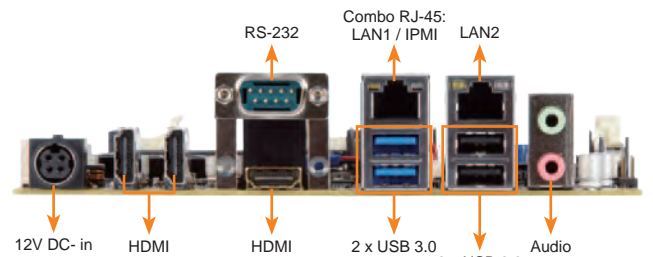
**New**



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
- ◆ System Chipset  
AMD A75
- ◆ Memory  
Two 204-pin 1600/1333MHz dual-channel DDR3 & DDR3L SDRAM unbuffered DIMMs support up to 16GB
- ◆ 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 (rear IO) (up to 1920x1080 @ 60 Hz)  
1 x DVI-D (pin header) (up to 1920x1080 @ 60 Hz)
- ◆ Super I/O  
Fintek 81866
- ◆ Audio  
Realtek ALC892 HD Audio codec  
2 x Audio jacks (line-out, mic-in) on rear IO (colayout with three audio jacks)  
1 x 4-pin (1x4) SPDIF header  
1 x 10-pin (2x5) front audio
- ◆ I/O Interface  
2 x RS-232 1 x RS-422/485  
2 x USB 3.0 (rear IO) 6 x USB 2.0 (2 x Rear IO, 4x pin header)  
1 x 6-pin header for KB/MS 6 x SATA 6Gb/s (RAID 0, 1, 5, 10 supported)  
2 x SATA power connector (4P, P=2.54)
- ◆ SMBus  
1 x 4-pin wafer
- ◆ TPM  
1 x 20-pin (2x10) header
- ◆ Expansion  
1 x SIM card socket 1 x PCIe Mini card slot (support mSATA colay SATA port 4)  
1 x SD card slot 1 x CFAST (bottom side)
- ◆ 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 (4-bit input, 4-bit output)
- ◆ LAN LED  
2 x 2-pin headers for LAN1 Link LED, LAN2 Link LED
- ◆ Infrared Interface  
1 x 5-pin header
- ◆ Fan Connector  
1 x 4-pin CPU fan connector  
1 x 3-pin system fan connector
- ◆ Power Supply  
12V only DC input  
1 x External DC jack (4-pin DIN)  
1 x Internal 4-pin (2x2) power connector  
Support AT/ATX mode
- ◆ Power Consumption  
12V@3.45A (AMD R-464L 2.3 GHz CPU with 8GB (2 x 4GB) 1333MHz 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

1. Socket FS1r2 supports AMD Embedded R-Series APU
2. DDR3 1066/1333/1600MHz dual-channel SDRAM
3. Quad independent display by three HDMI 1.4a and one DVI-D
4. 3D micro-architecture enhancement supports DX11, OCL 1.1 and OGL4.2
5. Rich media acceleration for hardware decode and encode acceleration
6. High-speed I/O interface for USB 3.0, SATA 6Gb/s and CFAST
7. IEI jumper-less function
8. 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 (P/N: 32801-000100-300-RS)
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, PCIe Mini, SATA 6Gb/s and Audio, iRIS-2400 and RoHS
iRIS-2400-R10	IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface
19800-003100-300-RS	Dual-port USB 2.0 cable with bracket
32205-003800-300-RS	RS-422/485 cable, 200mm
19800-000300-100-RS	RS-232 cable, 230mm (P=2.0 mm) w/bracket
32801-000100-300-RS	SATA cable with power output cable
19800-000075-RS	PS/2 KB/MS Y-cable with bracket, 220mm
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-R11	20-pin infineon TPM module, software management tool, firmware V3.17

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- 2 Video Capture Solutions
- 3 Embedded Computing Solutions
- 4 Automation Control
- 5 ORing Network Communication
- 6 Power Supply/Peripherals
- 7 Panel Solutions Introduction