

# KINO-DA750-i2

Mini-ITX SBC supports Socket FS1r2 AMD R-series APU with A75



## 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

## Specifications

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| CPU Cooler            |                                                            |
| CPU Cooler            | CF-989B-RS-R11                                             |
| Display               |                                                            |
| Display               | Four display supported                                     |
|                       | 3 x HDMI™                                                  |
|                       | 1 x DVI-D (pin header)                                     |
| Environment           |                                                            |
| Humidity              | 5% ~ 95% non-condensing                                    |
| Operating Temperature | 0°C ~ 60°C (32°F ~ 140°F)                                  |
| Expansion Slots       |                                                            |
| Expansion Slots       | 1 x SIM card socket                                        |
|                       | 1 x PCIe Mini card slot                                    |
| I/O Interface         |                                                            |
| Audio                 | Realtek ALC892 HD Audio codec                              |
| Digital I/O           | 8-bit Programmable I/O (8-bit GPIO is for programming I/O) |
| Ethernet              | LAN1: Intel® I210-AT PCIe controller                       |
|                       | with NCSI support                                          |
|                       | LAN2: Intel® I211-AT PCIe controller                       |
| I/O Interface         | 2 x RS-232                                                 |
|                       | 1 x RS-422/485                                             |
|                       | 2 x USB 3.0                                                |
|                       | 6 x USB 2.0                                                |
|                       | 1 x 6-pin header for KB/MS                                 |
| I/O Interface         |                                                            |
| I/O Interface         | 2 x RS-232                                                 |
|                       | 4 x Internal USB 2.0                                       |
|                       | 1 x RS-422/485                                             |
|                       | 2 x USB 2.0                                                |
|                       | 2 x USB 3.0                                                |
| Option                |                                                            |
| iRIS                  | 1 x iRIS-2400 slot                                         |
| Power                 |                                                            |

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Power consumption | 12V@3.45A (AMD R-464L 2.3 GHz CPU<br>with 8GB (2 x 4GB) 1333MHz DDR3<br>memory)                      |
| System            |                                                                                                      |
| Chipset           | AMDR A75                                                                                             |
| CPU               | AMD Embedded R-Series APU                                                                            |
| CPU Socket        | Socket FS1r2                                                                                         |
| Memory Max.       | Two 204-pin 1600/1333MHz dualchannel<br>DDR3 & DDR3L SDRAM<br>unbuffered DIMMs<br>(system max. 16GB) |
| Storage           | 6 x SATA 6Gb/s (RAID 0, 1, 5, 10<br>supported)<br>1 x SD card slot<br>1 x CFAST (bottom side)        |
| Watchdog Timer    |                                                                                                      |
| Watchdog Timer    | Software programmable and supports 1~255 sec. system reset                                           |

## Ordering Information

|                   |                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| KINO-DA750-i2-R10 | Mini-ITX SBC supports Socket FS1 AMD® R-series CPU with A75, thruple HDMI™, DVI, Dual PCIe GbE, USB3.0, PCIe mini, SATAIII and Audio, iRIS-2400 and RoHS |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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                                 |                                                                   |