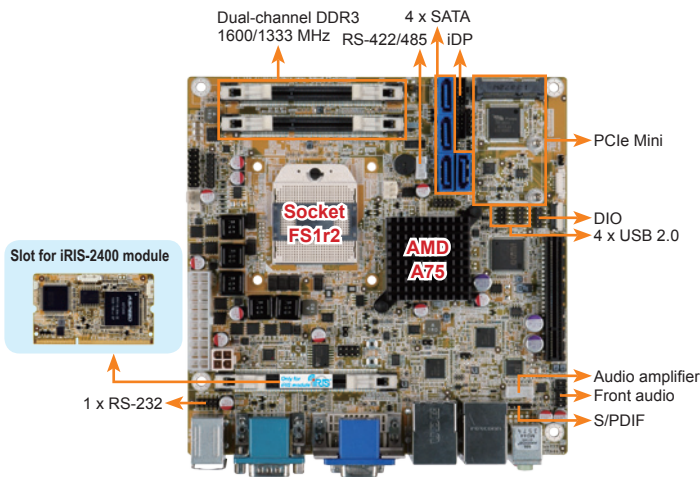


KINO-AA750-i2

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
- ◆ 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), 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 (up to 1920x1080@60 Hz)
1 x DVI-D (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
2 x Audio jacks (line-out, mic-in) on rear IO
1 x Audio amplifier (2x3 watt)
1 x Front audio (2x5 pin)
1 x S/PDIF (1x4 pin)
- ◆ External I/O Interface
1 x KB/MS 2 x USB 2.0
1 x RS-232 2 x USB 3.0
1 x SD card slot
- ◆ Internal I/O Interface
1 x RS-232 (2x5 pin, P=2.0) 4 x SATA 6Gb/s
1 x RS-422/485 (1x4 pin, P=2.0) 4 x USB 2.0 (2x4 pin, P=2.0)
- ◆ SMBus
1 x SMBus (1x4 pin)
- ◆ Expansion
1 x PCIe x8 slot 1 x Full-size PCIe Mini card slot (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
ATX power supply
- ◆ 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



Designed for high graphics performance



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 cable with bracket, 220mm, P=2.0 |
| 19800-000300-100-RS | RS-232 cable with bracket, 300mm, P=2.0 |
| 32001-008600-200-RS | Dual-port USB cable, 210mm, P=2.0 |
| 32102-000100-200-RS | SATA power cable, MOLEX 5264-4P to SATA15P |
| 32205-003800-300-RS | RS-422/485 cable, 200mm, P=2.0 |
| 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 |