

# KINO-SE-i2

Mini-ITX SBC with AMD® Embedded G-Series SoC



## Features

- » Mini-ITX form factor with AMD® Embedded G-Series SoC
- » 12V only single voltage design for AT/ATX power
- » Dual independent display by VGA, dual HDMI™
- » Supporting dual PCIe Mini card slot with mSATA, wireless card, DOM capabilities
- » Support IPMI 2.0 through iRIS module
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

|                       |  |
|-----------------------|--|
| CPU Cooler            |  |
| CPU Cooler            | N/A  |
| Display               |  |
| Display               | Dual independent display   |
|                       | 2 x HDMI™ (up to 3840x2160@60Hz)                                 |
|                       | 1 x VGA (up to 2048x1536@60Hz)                                   |
| Environment           |  |
| Humidity              | 10% ~ 95%, non-condensing  |
| Operating Temperature | -0°C ~ 60°C  |
| Expansion Slots       |  |
| Expansion Slots       | 1 x Half-size PCIe Mini card slot                                |
|                       | 1 x mSATA (colay SATA port2)                                     |
|                       | 1 x PCIe x4 slot   |
|                       | 1 x SD card  |
| I/O Interface         |  |
| Audio                 | Realtek AL892 HD Audio codec                                     |
|                       | 1 x S/PDIF by 4-pin (1x4) header for digital audio               |
|                       | 1 x Line-out / Mic-in audio jack on rear IO                      |
| Digital I/O           | 8-bit digital I/O (2x5 pin)                                      |
| Ethernet              | LAN1: Intel® I210-AT PCIe controller with NCSI support           |
|                       | LAN2: Intel® I211-AT PCIe controller                             |
| I/O Interface         |  |
| I/O Interface         | 1 x Internal RS-422/485  |
|                       | 1 x RS-232   |
|                       | 2 x Internal USB 2.0   |
|                       | 2 x USB 3.0  |
|                       | 2 x USB 2.0  |
|                       | 3 x Internal RS-232  |
| Option                |  |
| iRIS                  | 1 x iRIS-2400 slot   |
| Power                 |  |
| Power consumption     | 12V@ 2.7A (AMD GX-424CC 2.4GHz CPU with 1600MHz 8GB DDR3 memory) |

|                |   |
|----------------|---|
| System         |   |
| CPU            | GX-424CC on-board Soc (2.4GHz, quad-core, 2MB cache, TDP=25W)                                       |
| CPU Socket     | On Board  |
| Memory Max.    | Two 204-pin 1600/1333MHz dual-channel DDR3 & DDR3L SDRAM unbuffered SO-DIMM slots support up to 8GB |
| Storage        | 2 x SATA 6Gb/s with SATA power connector  |
| Watchdog Timer |   |
| Watchdog Timer | Software programmable, support 1~255 sec. system reset  |

## Ordering Information

|                     |  |
|---------------------|--|
| KINO-SE-i2-4241-R10 | Mini-ITX SBC supports AMD® 28nm Quad-Core GX-424CC 1.0GHz (25W) on-board SoC with VGA/Dual GbE, Dual PCIe Mini, USB 3.0, SATA 6GB/s, iRIS-2400, audio and RoHS |
|---------------------|--|

## Packing List

|  |                   |
|--|-------------------|
| 1 x KINO-SE-i2 single board computer with CPU cooler | 1 x I/O shielding |
| 1 x SATA with power output cable kit                 | 1 x QIG           |