

# 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

<b>CPU Cooler</b>	
CPU Cooler	N/A
<b>Display</b>	
Display	Dual independent display
	2 x HDMI™ (up to 3840x2160@60Hz)
	1 x VGA (up to 2048x1536@60Hz)
<b>Environment</b>	
Humidity	10% ~ 95%, non-condensing
Operating Temperature	-0°C ~ 60°C
<b>Expansion Slots</b>	
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
<b>I/O Interface</b>	
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
<b>I/O Interface</b>	
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
<b>Option</b>	
iRIS	1 x iRIS-2400 slot
<b>Power</b>	
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
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## 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