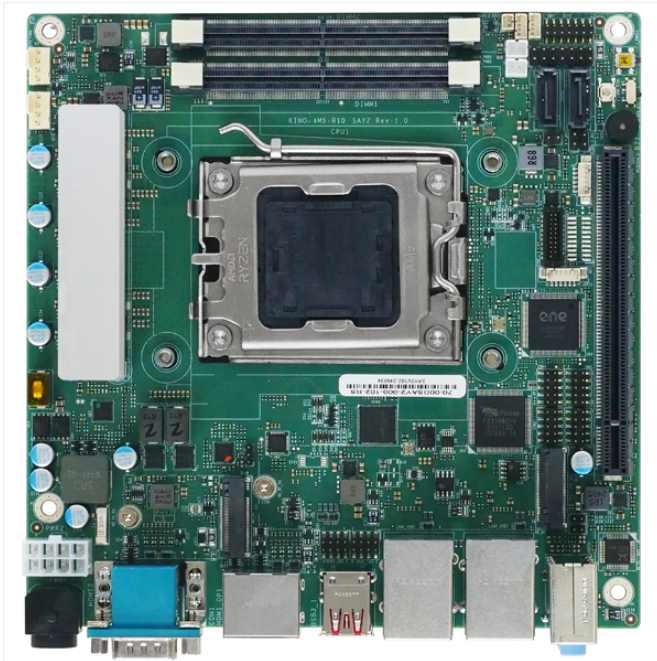


KINO-AM5

Mini-ITX SBC with AMD Ryzen™ 7000 & 8000G & 9000 Series Desktop Processors, DDR5 SO-DIMM, Triple Display, Dual Intel 2.5GbE, USB3.2, M.2, RoHS



Features

- » Mini-ITX SBC supports AMD Socket AM5 for AMD Ryzen™ 7000 & 8000G & 9000 Series Desktop Processors
- » Two 262-pin 5200 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 64GB
- » Triple independent display via HDMI, DP
- » Support Dual Intel® I226V 2.5GbE controller
- » Support PCIe Gen4 x16, M.2 M key and M.2 A key expansion

Specifications

Form Factor	
Form Factor	Mini-ITX
System	
CPU	AMD Socket AM5 for AMD Ryzen™ 7000 & 8000G & 9000 Series Desktop Processors
Chipset	AMD B650
Memory	Two 262-pin 5200 MHz Dual-Channel DDR5 SDRAM Unbuffered DIMMs supported up to 64GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin) 1 x System fan connector (1x4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	170mm x 170mm
Net Weight	GW: 1200g / NW: 700g
Storage	
Storage	2 x SATA : 6Gb/s
I/O Interface	
Display Output	2 x HDMI™ : up to 4096 x 2304@30Hz 1 x Display Port : up to 4096 x 2304 @60Hz
Ethernet	2 x LAN - LAN1: Intel® I226V 2.5GbE controller LAN2: Intel® I226V 2.5GbE controller
Audio	1 x HD Audio : Realtek ALC888S HD Audio codec 3 x Audio jacks (line-out, line-in, mic-in) on rear IO 1 x Front audio
I/O Interface	1 x External RS-232/422/485 4 x Internal RS-232 : 2x5 pin, P=2.0 1 x Internal RS-232/422/485 : 2x5 pin, P=2.0 4 x Internal USB 2.0 : 2x5 pin, P=2.0 1 x DIO : 12-bit digital I/O (2x7 pin) 2 x External USB 3.2 Gen2x1 : Type-A, 10Gb/s

	4 x External USB 3.2 Gen1x2 : Type-A, 5Gb/s
Expansion	1 x PCIe x16 : PCIe x16 (Slot1) with Gen4 x16 Signal (Ryzen8000G PHX1 only x8 Signal, PHX2 only x4 Signal)
	1 x M.2(NGFF) - 1 x 2280 M.2 M key (PCIe Gen4 X 4) 1 x 2230 M.2 A key(PCIe Gen3 x1 &USB 2.0) (A key will disable with Ryzen8000G PHX2)
Power	
Power Consumption	12V@13.60A
	(AMD Ryzen™9 7900 @3.7GHz CPU with Apacer D22.35305H.001 DDR5 5600 32G memory, EuP mode enabled)
Power Supply	Support AT/ATX mode
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing

Ordering Information

KINO-AM5-R10	Mini-ITX SBC with AMD Ryzen™ 7000 Series Desktop Processors,DDR5 SO-DIMM, Triple Display,Dual Intel 2.5GbE,USB3.2,M.2,RoHS
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Packing List

1 x KINO-AM5 single board computer	1 x I/O Shielding
1 x SATA cable	1 x QIG