KALI-C262

Extended-ITX SBC supports LGA1700 Xeon® E-2400 Processor and Pentium® Gold G7400 / G7400T Processor

Features

» Extended-ITX SBC supports LGA1700 Xeon® E-2400 Processor and Pentium® Gold G7400 / G7400T Processor

» Four 288-pin 5200 MHz Dual-Channel DDR5 ECC UDIMMs supported up to 192GB

» 1 x HDMI™ 1920x1200@60Hz (from onboard AST2600)

» Support double Intel® I226V 2.5GbE controller

» Support PCIe Gen4 x16 and M.2 M key expansion

Specifications

Form Factor	
Form Factor	Mini-ITX SBC
System	
CPU	LGA1700 socket supports Xeon® E-2400 Processor and Pentium® Gold G7400 / G7400T Processor (up to 95W TDP CPU)
Memory	Four 288-pin 5200 MHz Dual-Channel DDR5 ECC UDIMMs
Memory Max.	up to 192GB
Cooling method / System Fan	1 x CPU fan connector (1x4 pin)
	2 x System fan connector (1x4 pin)
Physical Characteristics	
Dimensions (LxWxH) (mm)	170 x 200mm
Net Weight	GW:1200g / NW:700g
Storage	
Storage	4 x SATA : 6Gb/s
I/O Interface	
Display Output	1 x HDMI™ : 1920x1200@60Hz (from onboard AST2600)
Ethernet	3 x LAN -
	LAN1: Intel® I226V 2.5GbE controller
	LAN2: Intel® I226V 2.5GbE controller
	LAN3: IPMI LAN
I/O Interface	1 x DIO : 12-bit digital I/O (2x7 pin)
	4 x External USB 2.0 : Type-A
	4 x External USB 3.2 Gen2x1 : Type-A, 10Gb/s
	1 x I²C : 1x4 pin, p=1.25
	2 x Internal RS-232/422/485 : 2x5 pin, P=2.0 (RS-485 support AFC)
	2 x Internal USB 2.0 : 2x4 pin, P=2.0
Expansion	1 x PCIe x16 : with x16 Signal Gen4
Other Features	
TPM	1 x TPM 2 x10 pin, support Intel PTT
Power	
Power Consumption	3.3V@1.32A, 5V@8.05A, 12V@6.18A, 5VSB@0.27A
	(Intel Xeon E-2456 CPU with 48GB 5600 MHz DDR5 memory)
Power Supply	Support AT/ATX mode

	ErP/EuP Compliant
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-30°C ~ 70°C
Humidity	5% ~95%, non-condensing
Card Slot Interface	
M.2	1 x M.2 M Key 2280 Gen4 x4

Ordering Information

KALI-C262-R10	Extended-ITX SBC supports LGA1700 Xeon® E-2400 Processor and Pentium® Gold G7400 / G7400T Processor, DDR5 ECC UDIMM,Aspeed® AST2600, dual 2.5GbE LAN, USB 3.2, M.2, SATA 6Gb/s and RoHS

Packing List

1 x KALI-C262 single board computer	1 x I/O Shielding
2 x SATA cable	1 x QIG