

## Features

- DDR5 ECC memory ensures data integrity and system stability
- Dual Intel® 2.5GbE LAN for reliable high-speed networking
- Rich I/O and expansion for industrial control and edge computing
- Compact Form Factor with High Compute Density



## Specifications

MODEL NAME	KALI-C262
<b>CPU</b>	LGA1700 socket supports Xeon® E-2400 Processor and Pentium® Gold G7400 / G7400T Processor (up to 95W TDP CPU)
<b>Chipset</b>	Intel® C262
<b>BIOS</b>	AMI UEFI BIOS
<b>BMC</b>	onboard Aspeed® AST2600 management controller
<b>Memory</b>	Four 288-pin 5200 MHz Dual-Channel DDR5 ECC UDIMMs supported up to 192GB
<b>Graphics Engine</b>	Integrated in Aspeed® AST2600
<b>Display Output</b>	1 x HDMI 1920x1200@60Hz (from onboard AST2600)
<b>Ethernet</b>	LAN1: Intel® I226V 2.5GbE controller LAN2: Intel® I226V 2.5GbE controller LAN3: IPMI LAN
<b>Embedded Controller</b>	ITE5571
<b>External I/O Interface</b>	4x USB 3.2 Gen2 (Type-A) (10Gb/s) 4x USB 2.0 (Type-A)
<b>Internal I/O Interface</b>	4 x SATA 6G/s 2 x RS-232/422/485 pin header (2x5 pin, p=2.00) (RS-485 support AFC) 2 x USB 2.0 pin header (2x4 pin, p=2.00)
<b>I2C</b>	1 x I2C (1x4 pin)
<b>SMBUS</b>	1 x SMBus (1x4 pin)
<b>Front Panel</b>	1 x Front Panel (2 x 7 pin, Power LED, HDD LED, Speaker, Power Button, Reset Button)
<b>LAN LED</b>	2 x LAN LED (1x2 pin)
<b>Expansion</b>	1 x PCIe x16 with x16 Signal Gen4 1 x M.2 M Key 2280 Gen4 x4
<b>Digital I/O</b>	1 x 12-bit digital I/O (2x7 pin)
<b>TPM</b>	1 x TPM 2 x10 pin, support Intel PTT
<b>FAN connector</b>	1 x CPU fan connector (1x4 pin) 2 x System fan connector (1x4 pin)
<b>Power supply</b>	Support AT/ATX mode ErP/EuP Compliant
<b>Watchdog Timer</b>	Software Programmable support 1~255 sec. System reset
<b>Power Consumption</b>	3.3V@1.32A, 5V@8.05A, 12V@6.18A, 5VSB@0.27A (Intel Xeon E-2456 CPU with 48GB 5600 MHz DDR5 memory)
<b>Operating Temperature</b>	-10°C ~ 60°C
<b>Storage Temperature</b>	-30°C ~ 70°C
<b>Operating Humidity</b>	5% ~95%, non-condensing
<b>Dimension</b>	170 x 200mm
<b>Weight</b>	GW:1200g / NW:700g
<b>Certification</b>	CE/FCC compliant

