PC-GS31N97MVA

Intel® N97 low-power processor

Sealed fanless industrial computer



Features:

Intel® N97 low-power processor

Sealed, fanless, dust-resistant design

8GB DDR5 standard; up to 16GB

2*USB3.2+4*USB2.0

2*RS232/485/422

1*HDMI 2.0b + 1*VGA

4*Intel® Gigabit LAN ports (all support POE)

16-channel GPIO (optional); SMBUS (optional)

Specifications:

Performance

Chipset	Intel® AlderLake N97	Watchdog	0-255 seconds/minutes, via system software
Memory	8GB DDR5; expandable to 16GB	Power	9-28V, 2pin Phoenix terminal input
Storage	128GB~1TB M.2 SATA SSD		
Hardware monitor	Voltage and CPU temperature monitoring		

Operating system

Operating system	Windows10/11, Linux

I/O interfaces

USB	2*USB 3.2+4*USB 2.0	Display	1*VGA, 1*HD
Serial	2*RS232/485/422	GPIO	8 inputs/8 outputs (optional)
LAN	4*Intel® Gigabit LAN ports	Expansion	1*Mini-PCIE (optional 4G)
	LAN1-4: I226V; all support POE, 802.3af		or 1*M.2 2230 E-key (optional WiFi+Bluetooth)
	Up to 15.4W per port		

Environment

Vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration	Operating temp.	-20°C~60°C, airflow over surface
Shock	10g acceleration, 11ms duration	Storage temp.	-40°C ~85°C
Reliability	MTBF≥50000h; MTTR≤0.5h	Operating humidity	95% @40°C, non-condensing

Physical

Size (L x W x H)	180mm*148mm*55mm	Weight	1.1kg/1.3kg (net/gross)
Material	Aluminum alloy; fanless design	Color	Black

Dimensions:

