

PC-GS50XXB

Intel® 8/11/12th i3/i5/i7 or N97 Processor
Embedded Box PC

Features:

- CPU options include 8th/11th/12th Gen i3/i5/i7 or N97
- DDR4 (N97 supports up to 16GB, 8th/11th Gen supports up to 32GB, 12th Gen supports up to 64GB)
- Standard : 4*USB 3.0+2*RS232
MAX optional: 4*USB 3.0+2*USB 2.0+6*COM (including up to 3*RS485/RS422)
- 1*HDMI+1*VGA+2*1GbE LAN+2*Audio
- Fanless design

Specifications:

System Hardware

Chipset	Optional 8th/11th/12th Gen i3/i5/i7, N97	Storage	M.2 SATA/NVME SSD (Optional 128GB/256GB/512GB/1T/2T/4T)
Memory	DDR4 (N97 supports up to 16GB, 8th/11th Gen supports up to 32GB, 12th Gen supports up to 64GB)	Watchdog	0-255 seconds/level implemented through system software

OS

OS	Windows 10/11、Linux
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I/O Ports

USB	4*USB3.0 MAX Optional 4*USB3.0+2*USB2.0	Optional	Optional dual band WIFI/Bluetooth (with external antenna)
Serial Port	2*RS232, MAX optional 6 serial ports (up to 3*RS485/RS422)	Video	1*HDMI, 1*VGA
LAN	2*10/100/1000M RJ45	Audio	Mic in, Line out
		GPIO	Optional 4in+4out+VCC+GND

Power

Power Input	Standard power adapter (optional 9-36V voltage input, optional Phoenix terminal 2pin input)
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Environment

Vibration Protection	5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration	Operating Temp.	-10 °C~60 °C, surface air flow
Shock Protection	10g acceleration, 11ms cycle	Storage Temp.	-20 °C~70 °C
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h	Humidity	95% @ 40 °C, no condensation
		IP Rating	IP52

Mechanical

Dimension (WxHxD)	235*220*70.5mm	Material	All metal fanless design
Weight	2.5kg/2.9kg (N.W./G.W.)	Mounting	Fixed installation of bracket
Color	Silver		

Ordering Information:

Serial Number	Model	CPU	Notes
1	PC-GS5083B	i3-8145U	The CPU may change based on the market Please consult the sales for the specific CPU before placing the order
2	PC-GS5085B	i5-8257U	
3	PC-GS5087B	i7-8269U/8569U	
4	PC-GS50113B	i3-1125G4	
5	PC-GS50115B	i5-1135G7	
6	PC-GS50117B	i7-1195G7	
7	PC-GS50123B	i3-1215U	
8	PC-GS50125B	i5-1235U	
9	PC-GS5097B	N97	

Dimensions:

