G1 Pro Specifiction V3.4

Update: 2025/11/25

Basic	Product Series	Gaming Mini
	Model Number	G1 Pro
	OS Support	Windows 11 Pro/Linux
	Dimensions	215*57*315mm
	Weight	3.81KG
CPU	Processor	AMD Ryzen™ 9 8945HX
	Total Cores	16
	Total Threads	32
	Frequency	2.5 GHz
	Max Turbo Frequency	5.4 GHz
	TDP (Performace Mode)	100W
	TDP (Balance Mode)	80W
	TDP (Slient Mode)	60W
GPU	Graphics Cards	RTX5060
	GPU Memory Config	8G
	TDP(GPU)	RTX 5060 145W
NPU	NPU Performance	N/A
Memory	Memery Type	DDR5 Up to 5200 MHz (dual channels)
	Optional SKU DDR Capacity	0/16/32/48/64/96GB
	Max Speed Support	5200Mhz
	Max Capacity Support	96GB
Storage	Storage Type	1×M.2 2230/2280 NVME SSD Slot (up to 4TB)(PCIe4.0x4) 1×M.2 2230/2280 NVME SSD Slot (up to 4TB)(PCIe4.0x4)
	Optional SKU SSD Capacity	0/512GB/1TB

Cooling System	CPU Cooling Type	Phase change material
	MAX Speed (CPU Fan)	3600rpm
	Noise (Performace Mode)	52db
	Noise (Balance Mode)	44db
	Noise (Slient Mode)	40db
Wireless Connectivity	M.2 2230 E-Key WiFi/BT Combo Module (PCIe Only)	Wi-Fi 7 (Module: MT7925)
		Bluetooth® 5.4
Ethernet Controller	5Gigabit LAN (RJ45)	X1(Module: RRTL8126-CG)
Video Output	HDMI2.1 x2(1@on-board,1@GPU),(Up to 8K@60Hz/4K@120Hz) DP1.4x1(Up to 8K@60Hz/4K@144Hz)@GPU DP2.1x2(Up to 8K@120Hz/4K@144Hz)@GPU	
Audio Output	HDMI2.1 x 2（on-board*1,GPU*1） DP1.4 x 1(GPU*1） DP2.1 x 2(GPU*2） 3.5mm Combo Jack 4 in 1 x 1	
Audio Input	3.5mm Combo Jack 4 in 1 x 1	
I/O Ports	Front	power button x1
		3.5mm Combo Audio Jack 4 in 1 x 1
		USB Type A(USB3.2 Gen2) x 1
		USB Type C(USB3.2 Gen2) x 1 only data
	Rear	RJ45 (5G)x 1 RTL8126
		USB Type A (USB3.2 Gen2)x 2
		USB Type C(USB3.2 Gen2)(only data)x 1
		HDMI2.1(8K@60HZ) x2
		DP2.1b x2
		DP1.4a x1
		PCIE4.0x16

	Interna	FAN For CPU x 1(12V)
		FAN For System x 1(12V)
		FAN For SSD x 1(12V)
		for front IO pin(USB3.2*1,Type-C*1,Combo Jack 4 in 1*1)
		F_PANEL pin(for power button)
Button/Hole	Power Button x 1	
	Clear CMOSx 1	
	Other	
VESA Mount	N/A	
Power Adapter	AC Input (350W)	