

Box PCs | Mini Series | GPB-5300

Features

- Power DC 12V
- Fanless design, aluminium alloy
- Installation desktop, embedded, DIN rail
- Multiple expansion interfaces
- CPU: Max i7-13th; Win 7 / 10 / 11 and Linux system



Product Model

Series	Mini
Operating System	Windows - Linux
Reference	GPB-5300



Mother Board Specifications

CPU	Intel Celeron; Intel Core 4-13 th Gen.
RAM	DDR III RAM slot, up to 8GB; DDR III RAM slot, up to 64GB
Storage	DDR III RAM slot, up to 8GB; DDR III RAM slot, up to 64GB
Display	1*HDMI, 1*VGA, 1*DP
Expansion	1* Mini PCIe slot
Ethernet	2* LAN Realtek 8111E LAN chip (RJ45 Type)
USB	4*USB 3.0+2*USB 2.0 (Type-A)
COM	2*RS-232 (DB9 type)

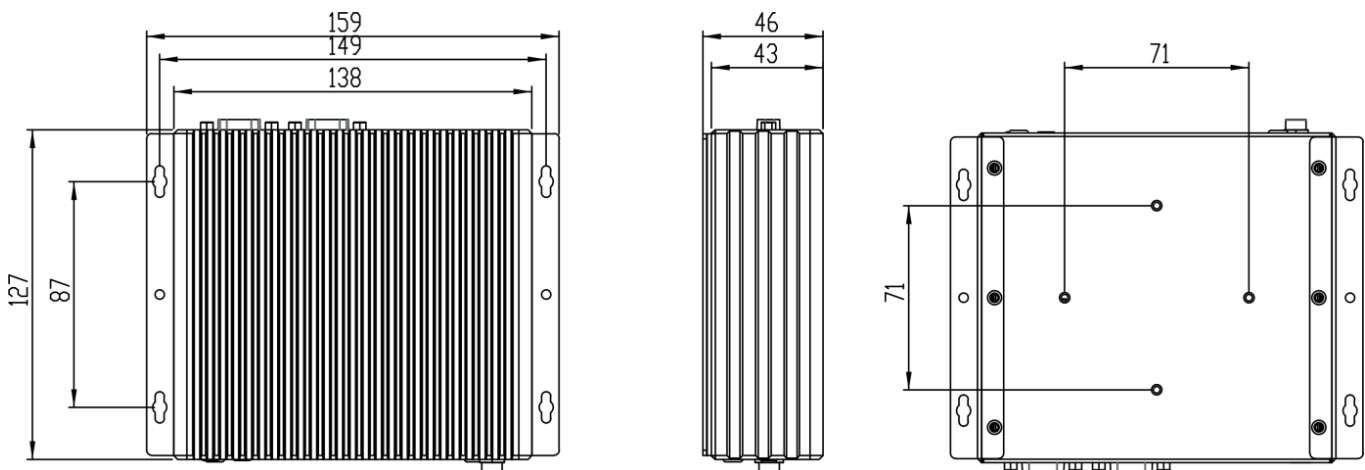
(For specific CPU models, refer to Ordering Specification)

Machine Specification

BIOS	AMI UEFI 64bit BIOS
Working Temperature	-20°C to 60°C
Storage temperature	-20°C to 60°C
Relative humidity	Humidity: 95% Non-Condensing
Cooling	Aluminum alloy chassis, conduction heat dissipation
Certifications	EN 50155 / EN 60945 / EN 60601 / EN 62368 / CE / ROHS
Power Input	DC 12V

Configurations

CPU	Intel Celeron; Intel Core 4-13 th Gen.
RAM	DDR III RAM slot, up to 8GB; DDR III RAM slot, up to 64GB
Storage	M.2 NVME 128GB / 256GB / 512GB / 1TB / 2TB / 4TB; MSATA 64GB / 128GB / 256GB / 512GB; SATA 120GB / 240GB / 256GB / 480GB / 512GB / 960GB / 1TB / 2TB
WiFi	7260an / 7260ac / AX210
GSM Module	4G+GPS; 5G+GPS
Operating system	Win7/10/11, Linux/Ubuntu



159mm x 127mm x 46mm

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Ordering Specification

CPU	LAN	USB	Display	COM	RAM	SSD	Expansion		
J1900	2	6	1*HDMI 1*VGA	2	1*DDR3 Up to 8GB	1*MSATA	1*MiniPCIE		
N2840									
i3-5005U									
i5-4300U									
i5-5300U									
i7-5600U									
J4125	2	4	2*HDMI	2*RS-232	1*DDR4 Up to 8GB	1*MSATA	2*MiniPCIE		
J6412			2*HDMI 1*DP		1*DDR4 Up to 16GB	1*MSATA 1*M.2NVME	1*M.2		
N100			2*HDMI 1*DP						
J4125	4	6	1*HDMI	1*RS-232	1*DDR4 Up to 8GB	1*MSATA	1*M.2		
J4125			1*HDMI 1*DP	1*RS-232	1*DDR4 Up to 16GB				
N100				1*RS-485					
i5-4278U	2	8	1*HDMI 1*VGA	2*RS-232	1*DDR3 Up to 8GB	1*MSATA	1*MiniPCIE		
i7-4578U					1*DDR4 Up to 16GB	1*M.2 NVME			
i3-6167U									
i3-7020U									
i5-7287U									
i3-8130U									
i5-8350U					2*DDR4 Up to 32GB				
i5-8650U									
i3-10110U									
i5-10310U					1*DDR4 Up to 64GB				
i7-10610U									
i3-1215U									
i5-1235U									
i7-1355U									

All specifications are subject to change without notice