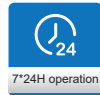


Industrial Box PCs | Large Series | GPB-8000

Features

- Power DC 9-36V
- 2*LAN, 4*USB, 6*COM, 1*HDMI
- 2*Mini PCIE Expansion Slots, Support 4G and WIFI Module
- 1*Multifunctional Expansion Card
- Intel Celeron and Core 7/8/10/11/12th-i3 / i5 / i7 CPU



Product Model

Series	Large
Operating System	Windows - Linux
Reference	GPB-8000

Product Interface



Mother Board Specifications

CPU	J1900 - J6412 - Intel Core i3-i5-i7 4 th , 6 th , 7 th , 8 th , 10 th 12 th Gen.
Memory	2*DDR III RAM up to 16GB; 2*DDR III RAM up to 32GB
Storage	1*MSATA SSD; 1*SATA 3.0 SSD
Display	1*HDMI
Expansion	1*Mini-PCIE slot (GSM or WIFI)
Ethernet	2* intel 225V 2.5GBs LAN chip (RJ-45 Type)
USB	4* USB 3.0 Type A
COM	4* RS-232+2*RS-485 / 422 / 232 (DB9 type)
Audio	1*RTLALC662 audio controller, line-out

Machine Specification

BIOS	AMI UEFI BIOS (support Watch Dog timer)
Working Temperature	-30°C to 70°C
Storage temperature	-30°C to 70°C
Relative humidity	Humidity: 95% Non-Condensing
Cooling	Aluminum alloy chassis, conduction heat dissipation
Certifications	EN 50155 / EN 60945 / EN 62368 / CE / ROHS
Power Input	DC 9-36V
Size	285mm*160mm*50.5mm

Expand Card Information

CAN Port-2	2*CAN interfaces (Phoenix terminal type)
SATA SSD Slot-1	1*SATA 3.0 SSD Slot, Support RAID 1
DIDO Port-16	16 ports DIDO, 8*DI+8*DO, 24V (Phoenix terminal type) Comes with 4*RS-485 COM ports (Phoenix terminal type)
Ethernet-2	2* Intel 211V LAN chip (RJ-45 Type)
Ethernet-4	4* Intel 211V LAN chip (RJ-45 Type),support POE function
COM-2	2* RS-485 / 422 / 232 (DB9 type)
COM-6	4* RS-232+2* RS-485 / 422 / 232 (phoenix type)
GPIO-14	14 road GPIO (7* GPI, 7* GPO), phoenix port
USB-4	4* USB 3.0 (Type-A)
Mini PCIE-2	2* Mini PCIE slot
M.2 NVME SSD slot	1* M.2 NVME slot
Battery module	1.2 Ah or 4.8 Ah with automatic shutdown function

Hardware Configuration

CPU	J1900; J6412; i3-4010U / i3-7100U; i5-4260U / i5-6200 / i5-7200U / i5-8260U / i5-10210U / i5-1135G7 / i5-1235U; i7-4650U / i7-7500U / i7-10610U / i7-1165G7 / i7-1255U
RAM	J1900 CPU: 1*DDR III RAM slot, up to 8GB; 4th CPU: 2*DDR III RAM slot, up to 16GB; J6412, 6th, 7th, 8th, 10th: 2*DDR III RAM slot, up to 32GB
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

