

无风扇嵌入式工控机

GEC-PTLU-LW01



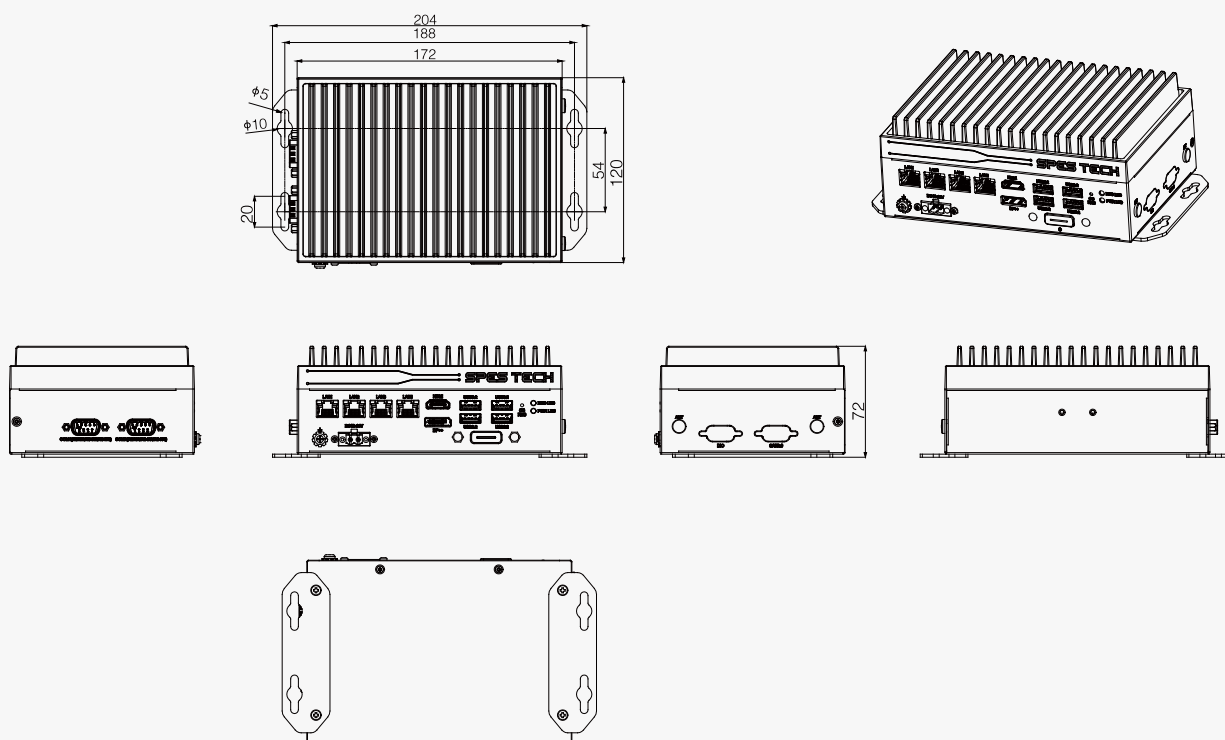
■ 特性 Characteristic

- GEC-PTLU-LW01是一款无风扇高性能边缘计算设备
- 产品搭载Intel®11th Tigerlake UP3 平台处理器
- 12~24V宽压输入
- Intel®四千兆网口
- 串口、USB、GPIO、CAN 2.0, 4K HDMI, DP++双显示等功能
- OS Recovery功能

■ 正视图 I/O View



■ 六视图 Dimention



无风扇嵌入式工控机

CIS-PTLU-LW01

规格 Specification

系统 System

处理器Processor Intel®11th i3/i5/Celeron处理器 (Tiger lake UP3)
6305/i3-1115G4/i5-1135G7

内存 Memory 1 x DDR4 3200MHz SO-DIMM, Up to 32 GB

BIOS AMI 128Mbit SPI Flash

图形 Graphics Intel® Integrated Graphics

操作系统 OS Windows 10 64bit , Linux

看门狗定时器 Watchdog Timer System reset, programmable 255 levels timer interval, from 1~255 sec/min

外部I/O External I/O

网口 Ethernet 4 x RJ45
3 x RJ45 Intel® I210-AT GbE (10/100/1000 Mbps)
1 x RJ45 Intel® I219-V GbE (10/100/1000 Mbps)

显示 Video 1x HDMI: max resolution up to 4096x2304@30Hz
1x DP++: max resolution up to 4096x2304@60Hz

串口 COM 2 x COM (RS232/422/485)

USB 4 x USB 3.2 (Gen2)

GPIO/COM 1 x 8bit programmable GPIO/COM

CAN/COM 1 x CAN 2.0B/COM

按钮 Button 1 x Power button w/LED

OS Recovery 1 x OS Recovery

指示灯 LED 1 x HDD LED
1 x Power LED

机构 Mechanical

外观 Housing 铝合金 Aluminum Alloy

安装方式 Mounting 可选:导轨式 (DIN-Rail)
标配:桌面式 (Desk-Mount) , 壁挂式 (Wall-Mount)

尺寸 Dimension 204 x 120 x 72mm

内部I/O Internal I/O

扩展接口 Expansion 1 x Full-size Mini-PCIe Slot (USB/PCIe)
1 x M.2 2242 slot (SATA 3.0)
1 x M.2 2230 slot for Wifi module

COM 2 x RS232

USB 2 x USB 2.0 pin header

SATA 1 x SATA 3.0 + SATA power

GPIO 1 x 8bit programmable GPIO
(如果外部接口选配GPIO, 则内部无此项)

CAN 2 x CAN 2.0B(如果外部接口选配CAN, 则内部无此项)

SIM 1 x SIM Card Slot

ATX/AT jumper 1 x ATX/AT jumper

电源 Power

ATX/AT jumper 1 x ATX/AT jumper

电源输入 Power Input 12~24V DC

接口 Interface 凤凰接头 2P

环境 Environmental

操作温度 Operation Temp. -20℃ ~ 50℃ (SSD)

存储温度 Storage Temp. -40℃ ~ 60℃

操作湿度 Operating Relative Humidity 50℃ 95%RH (SSD)

存储湿度 Storage relative Humidity 60℃ 95%RH 非凝露Non-condensing

随机振动 Random Vibration 5~500Hz, 2Grms (SSD) operation,
5~500Hz, 1Grms (HDD) operation

正弦振动 Sine Vibration 5~500Hz, 2G Non-operation

机械冲击 Shock Operation: 10G@11ms;
Non-operation: 20G@11ms

认证 Certification

安规认证 Safety Certification CCC

主要销售型号

销售型号 Sales Model GEC-P15G-LW01
GEC-P35G-LW01