

无风扇嵌入式工控机

GEC-RELK-LW02 (超薄款)



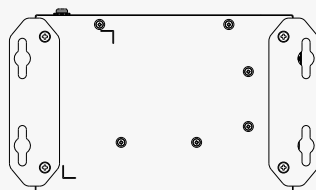
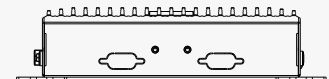
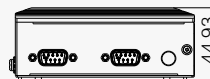
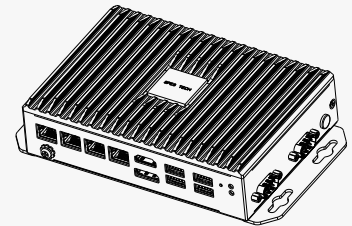
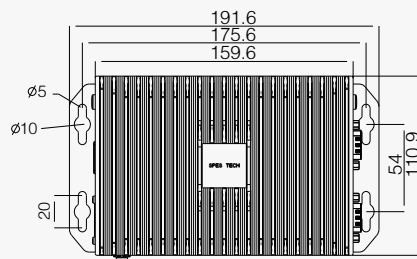
■ 特性 Characteristic

- GEC-RELK-LW02是一款无风扇高性能边缘计算设备
- Intel® ElkhartLake J6412 CPU
- 12 ~ 24V 宽压输入
- 具有高稳定性的 Intel® 四千兆网口, 串口、GPIO、CAN 2.0B
- 4K HDMI, DP++ 双显示等功能
- 支持导轨、桌面以及壁挂安装, 可满足不同领域的应用需求
- 源控系列产品共有的 OS Recovery 功能

■ 正视图 I/O View



■ 六视图 Dimention



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规格 Specification

系统 System

处理器 Processor	Intel® Elkhart Lake J6412 (2.00 GHz)
内存 Memory	1 x DDR4 2666/3200MHz SO-DIMM, Up to 32GB
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 Controller 1 Intel® I211-AT/I210-AT GbE (10/100/1000Mbps)
显示 Video	1 x HDMI: max resolution up to 4096x2304@30Hz 1 x DP++: max resolution up to 4096x2304@60Hz
COM	2 x COM (RS232/422/485)
USB	4 x USB 3.2 (Gen1)
GPIO/COM	1 x 8bit programmable GPIO
CAN/COM	1x CAN 2.0B/COM
按钮 Button	1 x Power button w/LED
OS Recovery	1 x OS Recovery Button
LED	1 x HDD LED ; 1 x Power LED

环境 Environmental

操作温度 Operation Temp.	-20°C ~ 50°C (SSD) with 0.7 m/s airflow
存储温度 Storage Temp.	-40°C ~ 60°C
操作湿度 Operating Relative Humidity	50°C 95%RH (SSD)
存储湿度 Storage relative Humidity	60°C 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

内部接口 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 COM (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	1x 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

电源输入 Power Input	12~24V DC, 凤凰接头 2P
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机构 Mechanical

尺寸 Housing	铝合金 Aluminum Alloy
安装方式 Mounting	标配: 桌面式 (Desk-Mount), 壁挂式 (Wall-Mount) 可选: 导轨式 (DIN-Rail)
尺寸 Dimension	超薄款: 192 x 111 x 45 mm

认证 Certification

安规认证 Safety Certification	CCC
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主要销售型号 Sales Model

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