

无风扇嵌入式工控机

GEC-RJ19-LW01



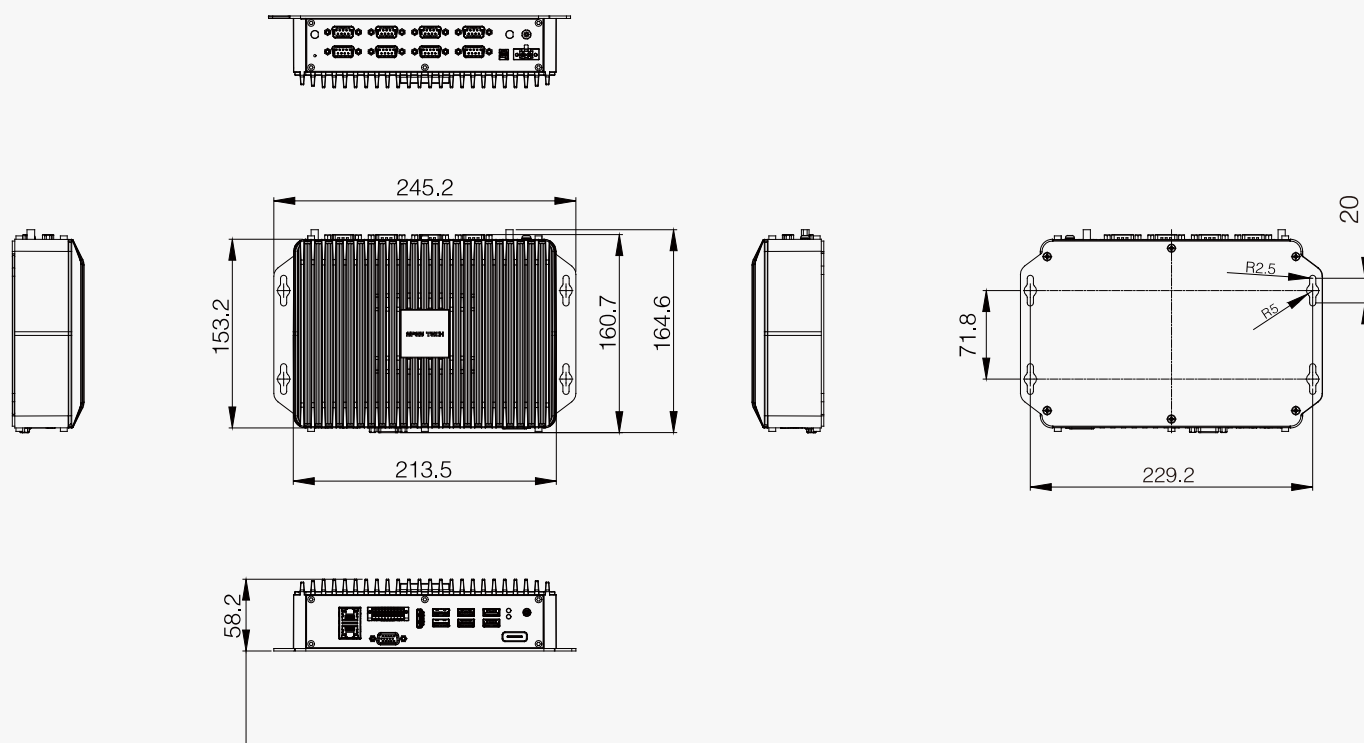
■ 特性 Characteristic

- GEC-RJ19-LW01 是一款无风扇工业 PC
- 产品搭载 Intel® Atom J1900 四核 2.0G 高性能 CPU 平台
- 12~24V 宽压输入
- 高稳定性的 Intel® 双千兆网口
- 具备最多八个串口, 六个 USB, 16-bit GPIO, VGA+HDMI 双路显示等功能
- CPU 侦测报警灯, 及时反馈产品状况
- -20℃ ~ 60℃ 环境下稳定运行

■ 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® Bay Trail Celeron® J1900 processor (2.00 GHz)
内存 Memory	1 x DDR3L 1333/1600MHz SO-DIMM , up to 8GB
BIOS	AMI 128Mbit SPI Flash
图形 Graphics	Intel® Integrated Graphics
操作系统 OS	Windows7 32/64bit, Windows10 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	2 x RJ45 Controller 1 Intel® I211-AT/I210-AT GbE (10/100/1000Mbps)
显示 Video	1 x VGA: max resolution up to 1920 x 1200@60Hz 1 x HDMI: max resolution up to 2560 x 1600@60Hz
音频 Audio	1 x Audio (Line-out&Mic-in 2 in 1) 选配, 默认不上件
串口 COM	8 x COM (COM 1 ~ 4: RS232/422/485 auto-flow; optional by BIOS, COM 5 ~ 6: RS232, COM 7 ~ 8: RS485)
USB	1 x USB 3.2 (Gen1) , 5 x USB 2.0
GPIO	1 x 8 bit programmable GPIO
按钮 Button	1 x Power button w/LED
OS Recovery	1 x OS Recovery button
指示灯 LED	1 x HDD LED 1 x ALARM LED (侦测CPU核心温度, 一旦超了既有设定温度后闪烁)
远程开关 Remote ON-OFF	1 x Remote ON-OFF

主要销售型号 Sales Model

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内部I/O Internal I/O

扩展接口 Expansion	1 x Full-size Mini-PCIe Slot (USB/PCIe) 1 x Full-size Mini-PCIe Slot (USB) 1 x M.2 2280 slot (SATA3.0) 1 x M.2 2230 slot for Wifi module
USB	2 x USB2.0 Pin Header (2x5Pin)
SATA	1 x SATA 3.0 + SATA power
SIM	1 x SIM Card Slot

电源 Power

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°C ~ 60°C (SSD) , 0°C ~ 40°C (HDD)
存储温度 Storage Temp.	-40°C ~ 60°C
操作湿度 Operating Relative Humidity	60°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

机构 Mechanical

外观 Housing	铝合金 Aluminum Alloy
安装方式 Mounting	桌面式 (Desk-Mount) 壁挂式 (Wall-Mount)
尺寸 Dimension	245 x 153 x 58 mm

认证 Certification

安规认证 Safety Certification	CCC , CE , FCC , IC , UKCA
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