



产品特性

- 12代 Intel® Alder Lake Core™ i3/i5/i7 处理器
- 2 x DDR5 4800MHz SODIMM, 最大 64GB
- 1 x 2.5 SATA 硬盘, 1 x M.2 2280 NVMe or SATA 硬盘
- 1 x M2.0 (2230, Wifi+BT), 1 x M2.0 (3042/3052, 4G/5G)
- M12 I/O 接口: 1 x HDMI / 2 x LAN / 2 x USB / 1 x COM
- 铝合金外壳, 整机 IP67 / IP69K 防尘防水
- 支持 TPM2.0 安全加密和 iVpro 技术
- 工作温度范围: -30°C 到 70°C
- 9V~36V DC 宽电压输入, 支持过流、过压和反接保护



参数表

| 系统参数 | | | |
|------------|---|--------------------------------|--------------------------------|
| 处理器 | 12th Gen Intel® Core™ i3-1215U | 12th Gen Intel® Core™ i5-1235U | 12th Gen Intel® Core™ i7-1255U |
| 二级缓存 | 10MB | 12MB | 12MB |
| TDP | 15W | 15W | 15W |
| 显示 | Intel® UHD Graphics | Intel® Iris® Xe Graphics | Intel® Iris® Xe Graphics |
| 芯片组 | Integrated with Intel® SoC | | |
| 内存 | DDR5 4800 MHz, Dual Channel SODIMM x 2, up to 64GB | | |
| 硬盘 | 1 x M.2 120G SSD (250G / 500G / 2TB SSD) / 1 x 2.5" SATA | | |
| 网络 | Intel® 226-V / I219-LM GbE LAN | | |
| 音频 | Realtek ALC897 Audio controller | | |
| TPM | TPM 2.0 | | |
| 看门狗 | 支持软件编程 1~255 秒系统复位 | | |
| 操作系统 | Windows 10 / 11, Linux, Ubuntu | | |
| I/O 接口 | | | |
| 视频 | 1 x H-DMI | | |
| 以太网 | 2 x M12 Waterproof Giga LAN RJ45 Connector | | |
| USB | 2 x M12 Waterproof Connector For USB2.0 | | |
| 串口 | 1 x M12 Waterproof Connector For COM | | |
| WiFi | 1 x WiFi / Bluetooth , Optional (4G / 5G) | | |
| 其他 | 1 x Power Switch | | |
| 扩展接口 | | | |
| M.2 | 1*M.2 (Key-E, 2230, PCIe+USB, Wifi+BT) | | |
| | 1*M.2 (Key-B, 3042/3052, PCIe/ USB 3.0+USB2.0, 4G/5G) | | |
| | 1*M.2 (Key-M, 2280, NVMe/ SATA, SSD) | | |
| SIM Socket | 1x SIM Socket | | |
| 电源 | | | |
| 电源输入 | 2-Pin M12 Power Input 9~36VDC | | |
| 电源类型 | Support AT, ATX Mode | | |
| 电源保护 | OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection) | | |
| 最大功耗 | ≤45W | | |

| 物理特性 | |
|---------|---|
| 产品机构 | 铝合金外壳喷砂氧化处理 |
| 外观颜色 | 黑色 / 银色 / 浅灰色 (可选) |
| 产品尺寸 | 220 x 250 x 55 mm |
| 包装尺寸 | 360 x 180 x 320 mm |
| 净重 | 2.5 KG |
| 环境 / 认证 | |
| 工作温度 | -30~70°C (-22~158°F) |
| 存储温度 | -40~85°C (-40~185°F) |
| 相对湿度 | 10% to 95% (non-condensing) |
| 抗击振动 | 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis |
| 防水等级 | IP67 / IP69K |
| 认证 | CE, FCC, Class A, ROHS |

尺寸和接口

The technical drawing shows three views of the EFIC-6000 industrial computer. The front view shows a rectangular device with a width of 220.00 mm and a height of 250.00 mm. The side view shows a thickness of 55.00 mm. The rear view shows a width of 233.00 mm and a height of 150.00 mm. The front view also shows a width of 232.00 mm. The rear view shows a width of 100.00 mm and a height of 100.00 mm. The I/O Definition is as follows:

I/O Definition:

- A: DC 9V-36V
- B: HDMI (optional)
- C: LAN (optional)
- D: LAN (optional)
- E: COM (optional)
- F: USB (optional)
- G: Power Switch
- H: USB (optional)
- I: ANT
- J: ANT

订购信息

| 可用型号 | 描述 |
|-------------|--|
| EFIC-60003A | 嵌入式无风扇工业计算机 12th Gen Intel® Alder Lake Core™ i3-1215U 1.2GHz 处理器 |
| EFIC-60005A | 嵌入式无风扇工业计算机 12th Gen Intel® Alder Lake Core™ i5-1235U 1.3GHz 处理器 |
| EFIC-60007A | 嵌入式无风扇工业计算机 12th Gen Intel® Alder Lake Core™ i7-1255U 1.7GHz 处理器 |

包装清单

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|---------------------|
| 1 x 标准产品 |
| 1 x 60W PSU (电源) |
| 1 x 固定支架 |
| 2 x M12 防水 USB 线 2M |
| 1 x M12 防水 COM 线 2M |
| 2 x M12 防水 LAN 线 2M |
| 1 x 防水 HDMI 线 2M |
| 1 x DVD 光盘驱动 |