

***工业系统***



TANK-620-ULT3

***特征***

***w w w . i e i w o r l d . c o m***

***■ Intel Skylake ULT CPU***

***■ 无风扇嵌入式***



* Intel® Celeron® 3855U (1.6GHz, TDP=15W)
* 超多COM口（最多14个），带有TX/RX信号LED指示灯
* 多USB & LAN口
* 24点DI/O 控制
* M.2 插槽和全尺寸 Mini PCIe 扩展插槽



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Fanless** | **Dual** | **Dual LAN** | **RS-232** |  |
| **Display** | **/422/485** |  |

***规格***

**型号**

机身

主板

存储

**I/O 接口**

扩展

电源

可靠性

**OS**

|  |  |  |
| --- | --- | --- |
|  | **TANK-620-ULT3** |  |
| 颜色 | Black C + Silver |  |
| 尺寸 (WxDxH) (mm) | 260 x 200 x100 |  |
| 系统风扇 | Fanless |  |
| 材质 | 铝合金 |  |
| CPU | Intel® Celeron® 3855U (1.6GHz, TDP=15W) |  |
| 芯片组 | SoC |  |
| 系统内存 | 1 x 260-pin DDR4 SO-DIMM |  |
| 1 x on-board DDR4 4GB pre-installed (system max: 32GB) |  |
|  |  |
| **硬盘驱动器** | 2 x 2.5'' SATA 6Gb/s HDD/SSD Bay |  |
| **CF** | 1 x CF card (optional\*) |  |
| **NVRAM** | 1 Mb FRAM |  |
| **USB 3.1 Gen 1 (5Gb/s)** | 4 |  |
| **USB 2.0** | 4 |  |
| **Ethernet** | 2 x RJ-45 PCIe GbE by Intel® I211-AT controller |  |
| **RS-232/422/485** | 6 x RS-232 (DB-9) |  |
| 8 x RS-232/422/485 ports with automatic flow control (DB-9 |  |
|  |  |
| **Digital I/O** | 1 x 24-bit digital I/O (12-bit input/12-bit output) |  |
| 显示 | 2 x VGA, (1 x LVDS or 1 x VGA optional) |  |
| 分辨率 | VGA: Up to 1920 x 1200 @60Hz |  |
| LVDS: Up to 1920 x 1200 @60Hz (optional) |  |
|  |  |
| 音频 | 1 x Mic in, 1 x Speaker out, 1 x Line out |  |
| **Wireless** | 1 x 802.11a/b/g/n/ac (optional) |  |
| **LED** | Power LED, HDD LED, COM ports |  |
| **Others** | 1 x Power Button, 1 x System Reset, 1 x AT/ATX Switch |  |
| **PCIe Mini** | 2 x Full-size PCIe mini slot (PCIe by1, USB2.0) |  |
| **M.2** | 1 x M.2 2280 (M key,PCIe by 4, SATA co-lay SATA2) |  |
| 电源输入 | 9 ~ 36 V DC +/- 5% |  |
| 功耗 | 12V@2.73A (Intel® Celeron® 3855U with 8GB memory) |  |
| 安装方式 | Wall Mount |  |
| 操作温度 | -30 ~ 70 °C with air flow (SSD), 10% ~ 95%, non-condensin |  |
| 存储温度 | -40 ~ 80 °C |  |
| 冲击测试 | Half-sine wave shock 5G, 11ms, 100 shocks per axis |  |
| 振动测试 | MIL-STD-810G 514.6C-1 (with SSD) |  |
| 重量(净重/毛重) | 4.4 kg/6.5 kg |  |
| **Safety / EMC** | CE/FCC |  |
| **看门狗计时器** | Programmable 1~255 sec/min |  |
| **Supported OS** | Microsoft® Windows 8 Embedded, Microsoft® Windows® Embedded Standard 7 E, Microsoft® |  |
| Windows® 10 |  |
|  |  |



\* 仅支持SATA转接卡



**10-52** **TANK-620-ULT3-2019-V10**



***工业系统***



*I/O****接口***

***w w w . i e i w o r l d . c o m***

LVDS VGA AT/ATX Mode 4 x USB 3.1 Gen 1



音频  4 x USB 2.0  2 x GbE LAN

Power 9~36V

(Terminal Block)

Power Switch

Reset

DIO

CF Card RS-232/422/485 RS-232

***尺寸*** *(****单位****: mm)*



|  |  |  |  |
| --- | --- | --- | --- |
|  | 260 |  |  |
|  | ~~99~~.5 | ~~104~~.5 |  |
|  | 288 | 199.6 |  |
|  | 209.2 |  |
|  |  |  |
|  | 276 |  |  |
|  | 4.5n10 |  |
|  |  | ~~24~~.5 |  |
|  |  | ~~140~~ |  |
|  |  | *TANK-620-ULT3* |  |
| ***订购信息*** |  |  |  |
| **Part No.** | **Description** |  |  |
| **TANK-620-ULT3-CE/4G-R10** | Fanless wide temperature embedded system with Intel® Celeron® 3855U 1.6GHz (dual-core, TDP 15W), on-board 4GB DDR4 memory, 9 V~36V DC, |  |
| with USB, dual VGA, dual Intel® PCIe GbE, COM, DIO, RoHS |  |  |
|  |  |  |
| ***可选配件*** |  |  |  |
| **Part No.** | **Description** |  |  |
| 034SBM2-00-100-RS | VGA Module for TANK-620 only |  |  |
| 034SBM2-01-100-RS | LVDS Module for TANK-620 only |  |  |
| 32102-047200-200-RS | WIRE CABLE;POWER CABLE;2;200mm;18AWG;(A)DC JACK 5.5\*2.5mm;(B)TERMINAL BLOCK-3P P=3.5;RoHS |  |
| 63040-010060-210-RS | Adapter Power;FSP;FSP060-DHAN3;9NA0608010;Vin:90~264VAC;60W;Dim:62.0\*110\*31.5mm;Plug=7.5mm;Cable=1200mm;Erp(NO LOAD |  |
| 0.21W);Vout:12VDC;Φ2.5/Φ5.5/lock;CCL;RoHS |  |  |
|  |  |  |
| 32702-000200-100-RS | European power cord |  |  |
| EMB-WIFI-KIT01-R20 | 1T1R wifi module kit for embedded system, IEEE802. 1a/b/g/n/ac WiFi with Bluetooth 4.0/3.0+HS, 1 x wifi module, 2 x 250mm RF cable, 2 x Antenna, |  |
| RoHS |  |  |
|  |  |  |
| TANK-620-ULT3-WES7E64-R10 | OS image with Windows® Embedded Standard 7E 64-bit for TANK-620-ULT3 series, with DVD-ROM, RoHS |  |
| ***包装清单*** |  |  |  |
| 1 x Wall mount bracket | 1 x Screw set |  |  |



**TANK-620-ULT3-2019-V10** **10-53**