

***工业系统***



TANK-871-Q170

*Features*

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



* ***高性能6th/7th Generation Intel® Core™ Processor***
* ***无风扇嵌入式电脑***



* 6th/7th Gen Intel® Core™ 处理器平台采用 Intel® Q170 芯片组和DDR4 内存
* 独立三显，支持高清
* 丰富的高速 I/O 接口位于一侧，便于安装
* IEI iRIS-2400 解决方案

|  |  |
| --- | --- |
| **Triple** | **DDR4** |
| **Fanless Display** | **2133** |

*Specifications*

**0RGHO1DPH**

|  |  |  |
| --- | --- | --- |
|  | **颜色** |  |
| **机身** | **尺寸 (WxDxH)(mm)** |  |
|  | **系统风扇** |  |
|  | **材质** |  |
| **主板** | **&38** |  |
|  |  |
|  | **芯片组** |  |
|  | **系统内存** |  |
| **,30,** | **L5,6VROXWLRQ** |  |
| **存储** | **+DUG'ULYH** |  |
|  | **86%\*HQ\*EV** |  |
|  | **86%** |  |
|  | **(WKHUQHW** |  |
| **I/O 接口** | **&203RUW** |  |
|  |  |
|  | **'LJLWDO,2** |  |
|  | **显示** |  |
|  | **分辨率** |  |
|  | **音频** |  |
|  | **:LUHOHVV** |  |
| **扩展槽** | **3&,H0LQL** |  |
| **电源** | **电源输入** |  |
|  |  |
|  | **功耗** |  |
|  | **安装方式** |  |
|  | **使用温度** |  |
|  | **保存环境** |  |
| **可靠性** | **冲击测试** |  |
|  |  |
|  | **震动测试** |  |
|  | **重量（净重/毛重)** |  |
|  | **6DIHW\(0&** |  |
| **26** | **支持的 OS** |  |

**7$1.4**

Black C + Silver

82.2 x 255.2 x 204

Fanless

Extruded aluminum alloy

Intel 7th Gen Core CPU &

Intel® Core™ i7-6700TE (2.4 GHz, quad-core, TDP=35W)

Intel® Core™ i5-6500TE (2.3 GHz, quad-core, TDP=35W)

Intel® Q170

2 x 260-pin DDR4 SO-DIMM, pre-installed one 4GB (system max: 32GB)

1 x iRIS-2400 (optional)

2 x 2.5’’ SATA 6Gb/s HDD/SSD bay (RAID 0/1 support)

4

4

2 x RJ-45

LAN1 (iRIS): Intel® I210 PCIe controller

LAN2: Intel® I219LM PCIe controller

4 x RS-232 (2 x RJ-45, 2 x DB-9 w/2.5KV isolation protection)

2 x RS-232/422/485 (DB-9)

8 bit Digital I/O, 4 bit input / 4 bit output

1 x VGA, 1 x HDMI+DP, 1 x iDP (optional)

1 x VGA (Up to 1920 x 1200@60Hz)

1 x HDMI/DP (Up to 3840x2160@30Hz / 4096×2304@60Hz)

1 x Line-out ; 1 x Mic-in

1 x 802.11a/b/g/n/ac (optional)

1 x Half-size PCIe Mini slot

1 x Full-size PCIe Mini slot (supports mSATA, colay with SATA)

DC Jack: 9 V~36 V DC

Terminal Block: 9 V~36 V DC

19 V@3.68 A (Intel® Core™ i7-6700TE with 8 GB memory)

Wall mount

i7-6700TE: -20°C ~ 45°C with air flow (SSD)

10% ~ 95%, non-condensing

i5-6500TE: -20°C ~ 60°C with air flow (SSD)

10% ~ 95%, non-condensing

-40°C ~85°C with air flow (SSD), 10% ~ 90%, non-condensin

Half-sine wave shock 5G; 11ms; 100 shocks per axis

MIL-STD-810G 514.6 C-1 (with SSD)

3.5 kg/4.5 kg

CE/FCC

Microsoft® Windows® 8 Embedded, Microsoft® Windows® Embedded Standard 7 E, Microsoft® Windows® 10 IoT Enterprise



**TANK-871-Q170-2019-V10**

***工业系统***

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



***丰富的******I/O接口***  ***尺寸*** *(****单位:*** *mm)*



**电源开关** 



1. Long-press 2 sec. to power on

2. Long-press 5 sec. to power off

LED

 VGA

4 x USB 2.0

Reset

 AT/ATX Mode



2 x GbE LAN HDMI+DP

ACC Mode



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 x RS-232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 x USB 3.1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Gen 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 x RS-232/ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 422/485 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DIO |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Power2 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 x RS-232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (DC Jack) |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Audio |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | To Ground |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Power1 | *TANK-871-Q170* |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | (接线端子) |  |
| ***订购信息*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3DUW1R** | **'HVFULSWLRQ** |  |  |
| **7$1.4LL\*5** | Ruggedized fanless embedded system with Intel® Core™ i7-6700TE 2.4 GHz (up to 3.4 GHz, quad core, TDP 35W), 4GB DDR4 pre-installed memory, |  |
| VGA/HDMI+DP/iDP, iRIS-2400 optional, 9~36V DC, RoHS |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **7$1.4LL\*5** | Ruggedized fanless embedded system with Intel® Core™ i5-6500TE 2.3 GHz (up to 3.3 GHz, quad core, TDP 35W), 4GB DDR4 pre-installed memory, |  |
| VGA/HDMI+DP/iDP, iRIS-2400 optional, 9~36V DC, RoHS |  |  |
|  |  |  |  |  |  |  |  |  |  |
| ***可选配件*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3DUW1R** | **'HVFULSWLRQ** |  |  |
| **56** |  |  |  | European power cord |  |  |
| **56** |  |  |  | Adapter power, FSP090-DIEBN2, 9NA0904739, Active PFC, Vin:90~264VAC, 90W, plug=6.5mm, cable=1500mm, Erp (no load 0.5W), Vout:19VDC, |  |
|  |  |  | 4-pin DIN with lock, CCL, RoHS |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **L5,65** | IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface |  |  |
| **(0%:,),.,75** |  |  |  | 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 xAntenna, |  |
|  |  |  | RoHS |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **'3'35** |  |  |  |  |  |  |  | DisplayPort to DisplayPort converter board (for IEI IDP connector) |  |  |
| **'3+'0,5** |  |  |  |  |  |  |  | DisplayPort to HDMI converter board (for IEI IDP connector) |  |  |
| **'3/9'65** |  |  |  |  |  |  |  | DisplayPort to 24-bit dual channel LVDS converter board (for IEI IDP connector) |  |  |
| **'39\*$5** |  |  |  |  |  |  |  | DisplayPort to VGA converter board (for IEI IDP connector) |  |  |
| **'3'9,5** |  |  |  |  |  |  |  | DisplayPort to DVI-D converter board (for IEI IDP connector) |  |  |



**7$1.4:(6(5** OS Image with Windows® Embedded Standard 7 E 64-bit for TANK-870-Q170 Series, with DVD-ROM, RoHS

**7$1.4:(+5** OS Image with Windows Embedded Standard 10 E High End 64-bit for TANK-870-Q170-i7 Series, with DVD-ROM, RoHS

**7$1.4:(95** OS Image with Windows Embedded Standard 10 E Value 64-bit for TANK-870-Q170-i5 Series, with DVD-ROM, RoHS

***包装清单***



|  |  |
| --- | --- |
| 1 x Chassis Screw | 1 x Mounting Bracket |



 **TANK-871-Q170-2019-V10**