

# TQ15-75AC-FZ

15" Intel® Skylake Core™ i5 6200U Processor  
Industrial Panel PC



## Features:

- 15 "Intel® Skylake Core™ i5 6200U
- Industrial display screen, five wire resistive touch screen
- DDR4 16GB
- USB2.0\*2/USB3.0\*4/RS232\*6/GPIO\*4
- HD\*1/VGA\*1/Gigabit LAN\*2/Audio\*1
- Fanless design

## Specifications:

### System Hardware

|          |   |         |                                   |
|----------|---|---------|-----------------------------------|
| CPU      | Intel® Skylake Core™ i5 6200U processor<br>(optional i3/i7) | Memory  | 16GB (optional 4GB/8GB)           |
| Watchdog | 0-255 seconds/classification is realized by system software | Storage | 128GB EMMC (optional 256GB/512GB) |

### Display

|            |                       |                     |  |
|------------|-----------------------|---------------------|--|
| LCD Type   | 15.6" LCD             | Contrast Ratio      | 800:1                                  |
| Resolution | 1920*1080             | Backlight Life-Time | 50000                                  |
| Luminance  | 450 cd/m <sup>2</sup> | Touchscreen Type    | 15.6" five-wire resistive touch screen |

### OS

|    |              |
|----|--------------|
| OS | Win 10、Linux |
|----|--------------|

### I/O Ports

|             |                           |          |                            |
|-------------|---------------------------|----------|----------------------------|
| USB         | 2*USB2.0, 4*usb3.0        | Video    | 1*HD, 1*VGA                |
| Serial Port | 6*RS232                   | Expand   | Optional dual band WIFI+BT |
| LAN         | 2*1000M network interface | SIM Card | N/a                        |
| Audio       | 1*Audio                   | GPIO     | 4*in/out                   |

### Power

|             |                                       |
|-------------|---------------------------------------|
| Power Input | Standard 12V/5A aviation head adapter |
|-------------|---------------------------------------|

## Environment

|                      |  |                 |                                 |
|----------------------|--|-----------------|---------------------------------|
| Vibration Protection | 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration | Operating Temp. | -10 °C ~ 60 °C Surface air flow |
| Shock Protection     | 10g acceleration, 11ms cycle                       | Storage Temp.   | -20 °C ~ 70 °C                  |
| Reliability          | MTBF ≥ 30000h; MTTR ≤ 0.5h                         | Humidity        | 95% @40 °C, no condensation     |
|                      |  | IP Rating       | Front panel IP65                |

## Mechanical

|                   |                        |          |  |
|-------------------|------------------------|----------|--|
| Dimension (WxHxD) | 408mm*257.3mm*52.8mm   | Material | All metal fanless design                 |
| Weight            | 3.5kg/4.1kg(N.W./G.W.) | Mounting | VESA installation: 100*100mm/75*75mm     |
| Color             | black/ silver          |          | Embedded installation: 393.93mm*243.23mm |

## Dimensions:

