

# TR156-85A

15.6" Intel® Core™ 8th i3/i5/i7 Processor  
Industrial Panel PC



## Features:

- Intel® Core™ 8th i3/i5/i7 processor
- Industrial display, multi-point capacitor touch screen
- Onboard 8GB LPDDR3 memory
- 3\*USB3.0, 1\*USB2.0, 4\*RS232
- 1\*HD 1.4A, support 1080P@60Hz output, 1\*VGA
- 2\* Intel® Gigabit LAN, 1 of which supports Wake-on-LAN
- Fanless design
- Panel protection level can reach IP65

## Specifications:

### System Hardware

|        |   |          |   |
|--------|---|----------|---|
| CPU    | Intel® Core™ i5-8265u (optional i3-8145U /i7-8565U) | Watchdog | Support hardware reset function (256 levels, 0~255 seconds) |
| Memory | Board 8GB LPDDR3 memory                             | Storage  | M.2, 128GB, up to 512GB                                     |

### Display

|                  |                         |                |                       |
|------------------|-------------------------|----------------|-----------------------|
| LCD Type         | 15.6" LCD               | Luminance      | 450 cd/m <sup>2</sup> |
| Touchscreen Type | Capacitive touch screen | Contrast Ratio | 800: 1                |
| Max. Resolution  | 1920*1080               |                |                       |

### OS

|    |                 |
|----|-----------------|
| OS | Windows10、Linux |
|----|-----------------|

### I/O Ports

|              |                                   |                |                                      |
|--------------|-----------------------------------|----------------|--------------------------------------|
| USB          | 3*USB3.0 +1*USB2.0                | Mini PCIe      | 1*mini pcie (wifi/bt/4G/5G optional) |
| Serial Port  | 4*RS232 (2*RS485 optional)        | SIM card       | 1* Built-in SIM card seat            |
| Network Port | 2* RJ45 Gigabit network interface | M.2            | 1*M.2 NVME SLOT(2280)                |
| Audio        | 1*Line-out+1*Mic-in               | Expansion port | PCIEX1/SMBUS/USB2.0X1/UART X2        |
| Video        | 1*HD+1*VGA                        |                |                                      |
| DC Port      | Phoenix terminal 3pin             |                |                                      |

### Power

|       |   |
|-------|---|
| Power | 12V~ 28V wide pressure input (1*3pin phoenix terminal), standard 19V/4.74A adapter (extended POE module optional adapter) |
|-------|---|

## Environment

|                      |  |                 |  |
|----------------------|--|-----------------|--|
| Vibration Protection | 5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration | Operating Temp. | -10°C~55°C (wide temperature optional) |
| Shock Protection     | 10g acceleration, 11ms cycle                       | Storage Temp.   | -30°C~70°C (wide temperature optional) |
| IP Rating            | Front panel IP65                                   | Humidity        | 95% @40°C, non-condensing              |

## Mechanical

|                   |                  |          |                                      |
|-------------------|------------------|----------|--------------------------------------|
| Dimension (WxHxD) | 408*257.3*69.9mm | Material | Aluminum alloy                       |
| Weight            | 4.3kg            | Mounting | VESA mounting: 100*100mm             |
| Color             | Silver           |          | Embedded installation: 393.4*242.6mm |

## Dimensions:

