

# TR215-85A

21.5" 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	21.5" LCD	Luminance	250 cd/m <sup>2</sup>
Touchscreen Type	Capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1920*1081		

### OS

OS	Windows10、Linux
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### I/O Ports

USB	3*USB3.0 +1*USB2.0	Mini PCIe	1*mini pcie (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/SATA 2280/2242 SLOT
Audio	1*Line-out+1*Mic-in	Expansion port	PCIEX1/SMBUS/USB2.0X1/UART X2
Video	1*HD+1*VGA	WIFI	WIFI 802.11ac 2x2 1.73 Mbps (optional)
DC Port	Phoenix terminal 3pin	BT	Bluetooth 5.0 (optional)

### Power

Power	12V~ 28V wide pressure input (1*3pin phoenix terminal), standard 19V/4.74A adapter (extended POE module optional adapter)
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## 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)	538.5*330*72.7mm	Material	Aluminum alloy
Weight	6.5kg	Mounting	VESA mounting: 100*100mm
Color	Silver		Embedded installation: 527*318.5mm

## Dimensions:

