TR190-85A

19" 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	19″ LCD	Luminance	250 cd/m²
Touchscreen Type	Capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1440*900		

OS

OS	Windows10、Linux

I/O Ports

USB	3*USB3.0 +1*USB2.0	Mini PCIe	1*Mini PCIe (4G/5G optional)
Serial Port	4*RS232 (COM3/4 optional RS485)	SIM Card	1*Built in SIM card holder
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	Bluetooth	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)

Environment

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

Mechanical

Dimension (WxHxD)	472.3*319.3*70.1mm	Material	Aluminum alloy
Weight	6kg	Mounting	VESA mounting: 100*100mm
Color	Silver		Embedded installation: 461*308mm

Dimensions:

