TR120-85A

12″ Intel® Core™ 8th I3/I5/I7 Processor
Industrial Panel PC



Features:

- Intel® Core™ 8th I3/I5/I7 processor
- Industrial display, multi-point capacitive 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	Onboard 8GB LPDDR3 memory	Storage	M.2, 128GB, up to 512GB

Display

LCD Type	12″ LCD	Luminance	400 cd/m²
Touchscreen Type	Capacitive touch screen	Contrast Ratio	1000: 1
Max. Resolution	1280*800		

OS

OS	Windows 10、Linux

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 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	WIFI	WIFI 802.11ac 2x2 1.73 Mbps
Video	1*HD+1*VGA	BT	Bluetooth 5.0
DC Port	Phoenix terminal 3pin		

Power

Power	12V~28V wide voltage input (1 * 3pin Phoenix terminal), standard 19V/4.74A adapter

Environment

Vibration Protection	5-17Hz/1.0mm amplitude; 17-200Hz/1.0g acceleration	Operating Temp.	-10℃～50℃ Surface air flow
		Storage Temp.	-20℃～70℃
Shock Protection	10g acceleration, 11ms cycle	Humidity	95% @40℃, non-condensing
IP Rating	Front panel IP65		

Mechanical

Dimension (WxHxD)	315.8*218*70mm	Material	Aluminum alloy
Weight	3Kg	Mounting	VESA mounting: 100*100mm
Color	Silver		Embedded installation: 302.1*204.3mm

Dimensions:

