



Features:

- Modular & Fanless designed, aluminum-magnesium alloy;
- Intel 11th Gen. Tiger Lake UP3, Celeron, Core i3/i5/i7 CPUs;
- Wide 18.5" TFT LCD Display, LED Backlit, WXGA 1366*768;
- Multi up to 10 points Pcap. touchscreen, EETI controller;
- DC 12V Power input, optional wide DC 9~36V input;
- I/O interfaces: 2 GbE, 6 USB3.0, 2 COM, 2 HDMI, Audio;
- Intel PTT TPM2.0, Support Windows 11 OS;
- Panel mount, VESA 75/100 mount, Front IP65 rated protection;
- Optional 2 M.2 Expansion slots.

Specification



Hardware & System	<p>BIOS: SPI AMI EEI BIOS</p> <p>CPU: Intel 11th Gen. Tiger Lake UP3 Celeron 6305E, Core i3-1115G4, Core i5-1155G7, Core i7-1195G7</p> <p>TDP: Default 15W (BIOS Configured)</p> <p>Graphic: Intel UHD/Iris Xe Graphics</p> <p>Memory: SO-DIMM, Support DDR4 2666/2933/3200 Mhz, Max. up to 32GB</p> <p>Storage: 1* M.2 2280 M-Key (PCIe x4, Gen. IV NVMe) SSD, 1* 2.5" SATA SSD</p> <p>Network: 1* Intel i219V, 1* Intel i226V, Optional wireless 3G/4G/LTE, Wi-Fi/BT, 5G/Wi-Fi 6</p> <p>Audio: On-board Realtek ACL 897 Audio controller</p> <p>Expansion: 1* M.2 (NGFF) B-Key 3052 slot; 1* M.2 (NGFF) E-Key 2230 slot</p> <p>Watch dog: 0 ~ 256 seconds programmable</p> <p>Operating System: Win10, Win11, Linux, Ubuntu</p>
I/O Interface	<p>Ethernet: 2 RJ45, 10/100/1000 Mbps</p> <p>COM: 2* RS232 by default (Optional 1* RS485 or 8* GPIO)</p> <p>Audio: Mic-In/Line-out (2 in 1, 4.0mm Jack)</p> <p>USB: 6* USB3.0</p> <p>Display: 2* HDMI</p> <p>Power: 1* 2 Pins, Phenix Terminal</p>
LCD Display	<p>Size/Type: Widescreen 18.5" TFT LCD Display</p> <p>Resolution: 1366 * 768 (WXGA)</p> <p>Brightness: 300 nits</p> <p>Backlit & Lifetime: LED Backlit & 30K hours</p> <p>Display Area: 409.8* 230.4 (mm)</p> <p>View Angle: 89/89/89/89</p>
Touchscreen	<p>Type: Projective capacitive touchscreen</p> <p>Touch points: Multi points touch, max. up to 10 points</p> <p>Durability: >100 000 000 times</p> <p>Surface Hardness: MOHS 6H</p> <p>Touch Controller: EETI</p> <p>Special Treatment: Anti-Fingerprint (AF)</p>
Structure	<p>Structure & Surface: Magnesium-Aluminum alloy, sand blasting, anodized treated</p> <p>Cooling System: Large area finned heatsink (Fanless designed)</p> <p>Overall Dimension: 462.4 * 296.6 * 57.5 (mm)</p> <p>Cut-out Dimension: 451 * 276 (mm)</p> <p>Net Weight: 5.6KG</p> <p>Mount Method: Panel mount, VESA 75/100 Mount</p> <p>Operating temp.: 0 ~ + 50 (°C)</p>

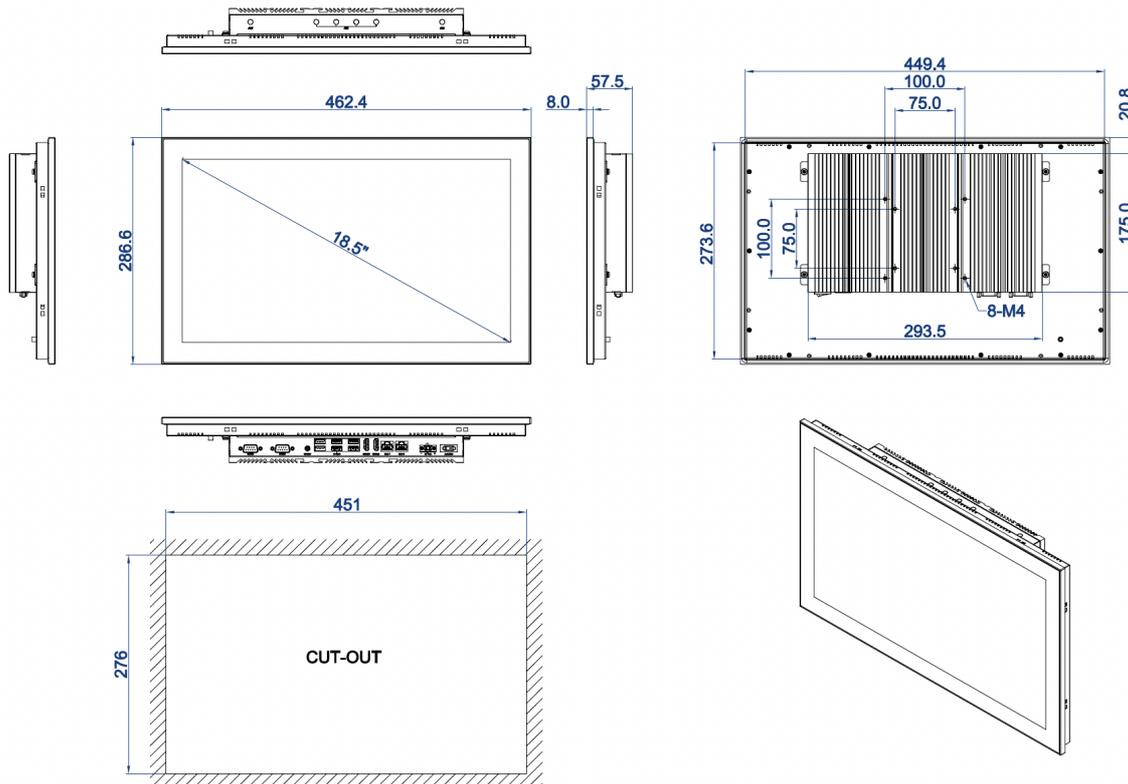
TPC-DCS185T

Power & Environmental

Storage temp.	-20 ~ + 60 (°C)
Humidity	10 ~ 95% @ 10C (No condensation)
Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
Shock	10G/Peak (11 ms)
Power input	DC 12V (Optional wide voltage DC 9~36V: TPC-DCS185TxW)
Power consumption	About 40W
Certificate	CE/FCC/ROHS

Dimension (mm)

DIMENSIONAL DRAWING:TPC-DCS185E/T



DIMENSIONS IN MILLIMETERS

TAICEM
DATE:2022.10.18
REV:A Unit:mm

Ordering information

Part no.	Description	Packing List	
TPC-DCS185T0	18.5" LCD, WXGA 1366*768, Intel Celeron 6305E, Pcap. Touch, 2 GbE, 6 USB3.0, 2 HDMI, 2 COM, Audio, DC 12V, PSU	Standard TPC-DCS185Tx Panel PC Product	1 set
TPC-DCS185T1	18.5" LCD, WXGA 1366*768, Intel Core i3-1115G4, Pcap. Touch, 2 GbE, 6 USB3.0, 2 HDMI, 2 COM, Audio, DC 12V, PSU	PSU (Power Supply)	1 set
TPC-DCS185T2	18.5" LCD, WXGA 1366*768, Intel Core i5-1155G7, Pcap. Touch, 2 GbE, 6 USB3.0, 2 HDMI, 2 COM, Audio, DC 12V, PSU	Power Cable & Plug	1 set
TPC-DCS185T3	18.5" LCD, WXGA 1366*768, Intel Core i7-1195G7, Pcap. Touch, 2 GbE, 6 USB3.0, 2 HDMI, 2 COM, Audio, DC 12V, PSU	Panel Mount Clips (Metal)	1 set (8 pieces)
Optional Accessories	Description	Packing List	
Memory	SO-DIMM, DDR4, <u>4GB/8GB/16GB/32GB</u>		
Storage	M.2 SSD: <u>256GB/512GB/1TB/2TB</u>		
Wireless	Wi-Fi Module, with Antenna		
	Wi-Fi Module with BT Integrated, With Antenna		
	All Network 4G module, with Antenna		
	5G Network module, with Antenna		
Power Supply	PSU for wide DC 9~36V range model TPC-DCS185TxW (If needed)		