

TPC-DRM185S

18.5" WXGA Intel Core Resistive Panel PC

Version: 3.0



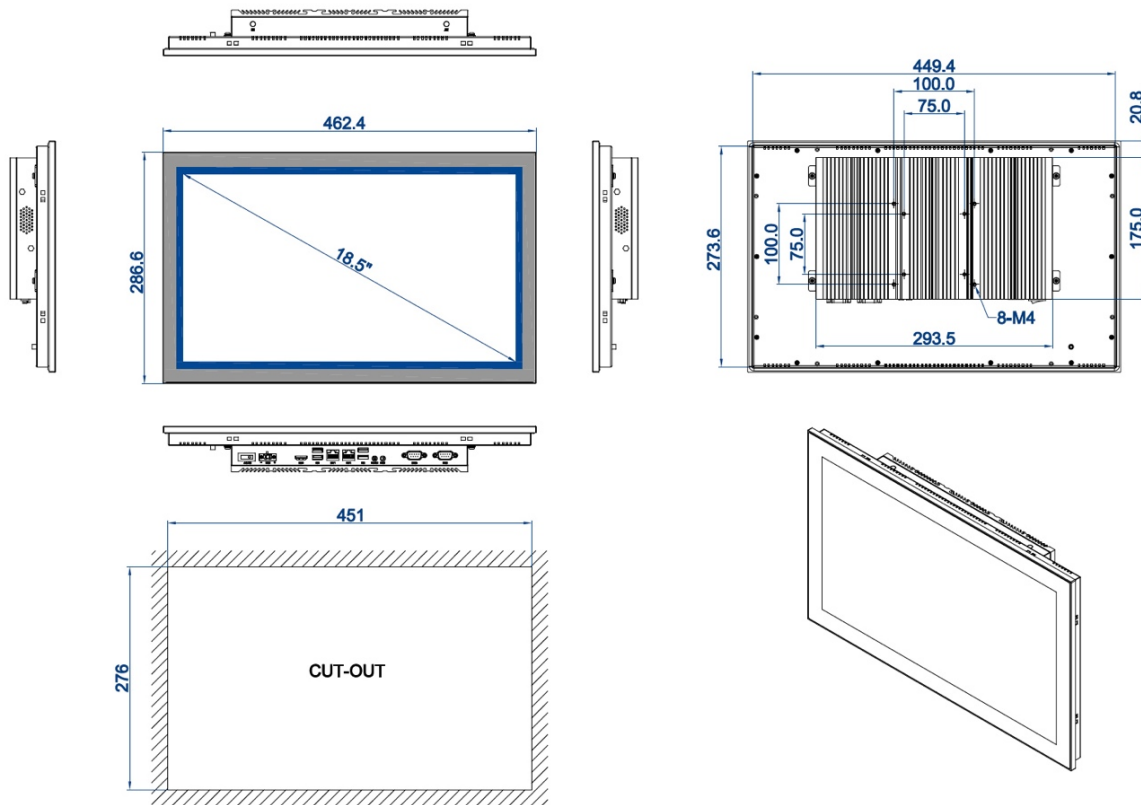
Features

- 18.5" TFT LCD display, LED Backlit, WXGA 1366 *768;
- Intel 6th-gen. Skylake -U Celeron, Core i3/i5/i7, dual-core processor;
- High temp. 5-wires precision resistive touchscreen, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 4*USB3.0, 2*COM, 1*HDMI, Mic-in/Line-out;
- Fan-less & Slim design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS			
	CPU	Celeron 3855U, Dual	i3-6100U, Dual core	i5-6200U, Dual-core	i7-6500U, Dual-core
		core 1.6Ghz	2.3Ghz	2.3Ghz, burst to 2.8Ghz	2.5Ghz, burst to 3.1Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB			
	Storage	1* 2.5"SATA + 1*mSATA			
	Graphic	Intel HD Graphics 520			
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)			
	Audio	On-board Realtek ACL 269 audio controller			
	Expansion	1* Full size Mini-PCIe slot			
	Watch dog	0~256 seconds programmable			
OS	Win7, Win8, Win embedded, Win10, Linux				
IO interface	COM	2*RS232 (Support 1x RS485)			
	Ethernet	2* RJ45, 10/100/1000 Mbps			
	Audio	Mic-in/Line-out			
	USB	4x USB3.0			
	Display	1x HDMI			
	Power	1x 2 pins, phenix terminal			
LCD Display	Size/Type	18.5" TFT LCD			
	Resolution	1366 * 768 (WXGA)			
	Brightness	250 nits			
	Backlit & MTBF	LED backlit & 30 000hours			
	Display area	409.8 * 230.4			
	View angle	85/85/80/80			
Touchscreen	Type	High temp. 5-wires Resistive touchscreen			
	Response time	<5ms			
	Click life	250g / 35 million times			
	Special treatment	PET film laminated, flat design			
	Touch controller	EETI			
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment			
	Mount method	Panel mount, VESA 75/100			
	Cooling system	Large area finned heat sink			
	Overall dimension	462.4 * 296.6 * 56.5 (mm)			
	Cut-out dimension	451 * 276 (mm)			
	Net weight	5.6 KG			
	IP protection	Front Panel IP65			
Power & Environmental	Operating temp.	0 ~ +50°C			
	Storage temp.	-20 ~ +60°C			
	Relative Humidity	10 ~ 95% @ 10C (Non-condensation)			
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak			
	Shock	10G/Peak (11 ms)			
	Power input	DC 12~24V			
	Power consumption	Around 40W			
	EMC	CE/FCC Class A			

Dimension



DIMENSIONS IN MILLIMETERS

TAICEM
 DATE:2019.05.15
 REV:C Unit:mm

Ordering info.

Part no.	Description
TPC-DRM185S0	18.5", 1366 * 768, Celeron 3855U, Dual-core 1.6Ghz , Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12~24V
TPC-DRM185S1	18.5", 1366 * 768, Core i3-6100U, Dual-core 2.3Ghz , Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12~24V
TPC-DRM185S2	18.5", 1366 * 768, Core i5-6200U, Dual-core 2.3Ghz , Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12~24V
TPC-DRM185S3	18.5", 1366 * 768, Core i7-6500U, Dual-core 2.5Ghz , Resistive touch, 2*GLAN, 4*USB, 2*COM, 1*HDMI, Mic-in/Line-out, DC 12~24V
TDDR4-4/8/16GB1	Memory: SO-DIMM, DDR4,4GB/8GB/16GB Memory
TMSATA-32/64/128/256/512GB1	mSATA SSD: 32GB/64GB/128GB/256GB/512GB
T25SAS-256/512GB1	2.5" SATA SSD: 256GB/512GB
T25SAH-1T/2T/4TB1	2.5" HDD: 1TB/2TB/4TB
TWM-WIFIA1	Wi-Fi module, with Antenna
TWM-WIFIB1	Wi-Fi with BT integrated module, with Antenna
TWM-4GA1	All network 4G/LTE module, With Antenna
TS-2W2MS	2 * 2W Mini Speaker

Packing List

■ 1x Standard Product
■ 1x 60W PSU (Power Supply)
■ 1x Power cable & Plug
■ 8x Panel mount metal clips