TPC-PC190S

19.0" SXGA SkyLake Touch Panel PC

Version: 3.0



Features

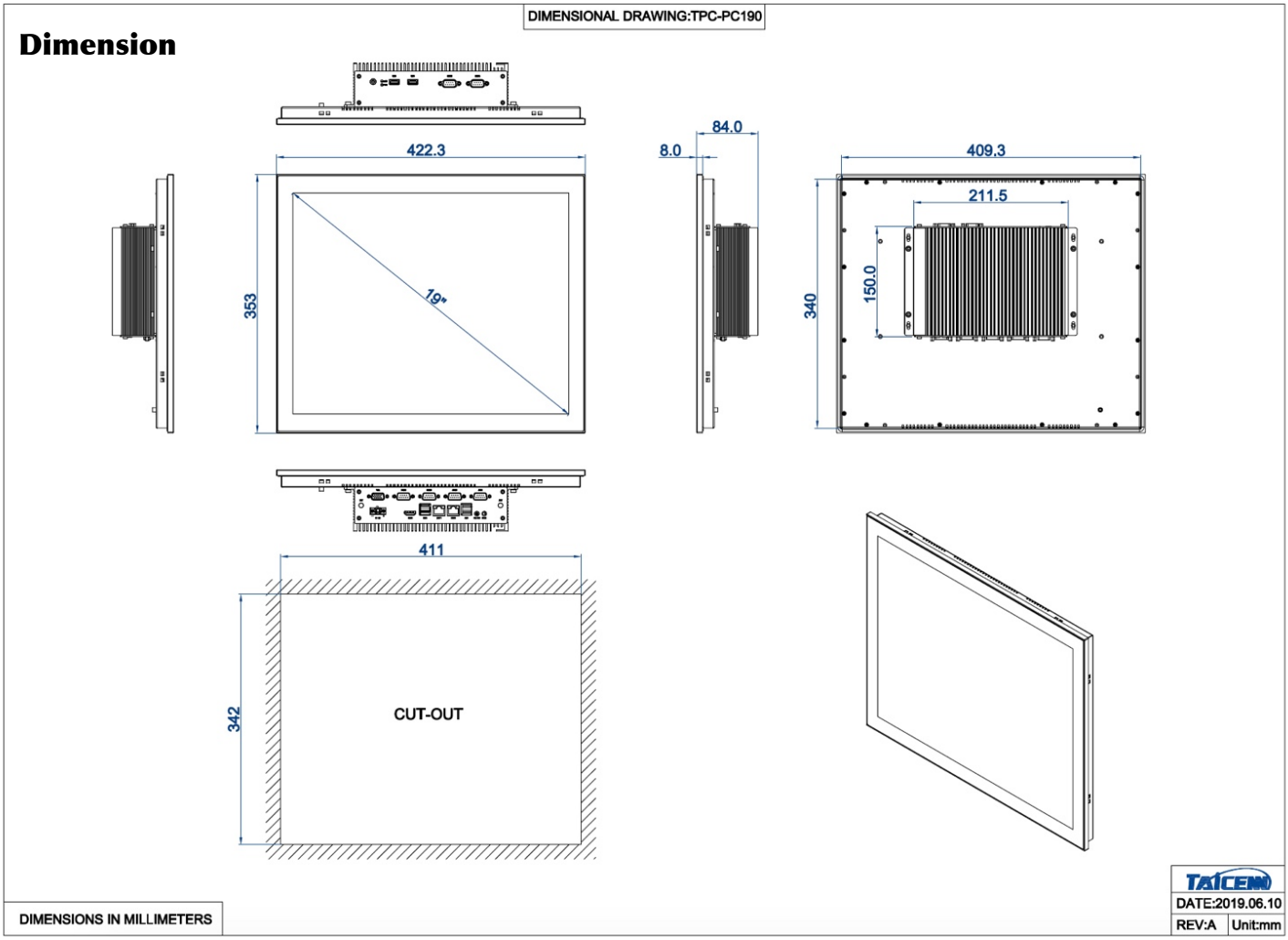
- 19.0" TFT LCD display, LED Backlit, SXGA 1280 *1024;
- Intel 6th -gen. Skylake -U Celeron, Core i3/i5/i7, dual-core processor;
- Multi-points (Max. up 10 points) Projective capacitive touch, EETI controller;
- Aluminum-magnesium alloy, anodized treatment, Modular designed;
- DC 12~24V, with over-current, over-voltage and polarity protection;
- 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out;
- Fan-less & Rich IO design, Panel mount, VESA, Front IP65 protection.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS			
	CPU	Celeron 3855U, Dual core 1.6Ghz	i3-6100U, Dual core 2.3Ghz	i5-6200U, Dual-core 2.3Ghz, burst to 2.8Ghz	I7-6500U, Dual-core 2.5Ghz, burst to 3.1Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB			
	Storage	1*mSATA (Optional support 1* 2.5" SATA)			
	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	6x RS232 (Optional support 1x RS485)			
	Ethernet	2x RJ45, 10/100/1000 Mbps			
	Audio	Mic-in/Line-out			
	USB	4x USB3.0, 2x USB2.0			
	Display	1x HDMI, 1x VGA			
	Power	1x 2 pins, phenix terminal			
LCD Display	Size/Type	19.0" TFT LCD			
	Resolution	1280 * 1024 (SXGA)			
	Brightness	250 nits			
	Backlit & MTBF	LED backlit & 30 000hours			
	Display area	376.32 * 310.06			
	View angle	89/89/89/89			
Touchscreen	Type	Projective capacitive touchscreen			
	Touch points	Multi points touch, max. up to 10 points			
	Durability	>100 000 000 times			
	Surface hardness	Mohs 6H			
	Special treatment	Anti-fingerprint (AF)			
Structure	Structure and surface	Magnesium-Aluminum alloy, sand blasting, anodized treatment			
	Mount method	Panel mount (Optional support VESA 75/100)			
	Cooling system	Large area finned heat sink			
	Overall dimension	422.3 * 353 * 84.0 (mm)			
	Cut-out dimension	411 * 342 (mm)			
	Net weight	7.0 KG			
	IP protection	Front Panel IP65			
Power & Environmental	Operating temp.	0 ~ +50℃			
	Storage temp.	-20 ~ +60℃			
	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			

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Dimension



Ordering info.

Part no.	Description
TPC-PC190S0	19.0", 1280 * 1024, **Celeron 3855U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC190S1	19.0", 1280 * 1024, **Core i3-6100U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC190S2	19.0", 1280 * 1024, **Core i5-6200U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TPC-PC190S3	19.0", 1280 * 1024, **Core i7-6500U**, Pcap. touch, 2*GLAN, 6*USB, 6*COM, 1*HDMI, 1*VGA, Mic-in/Line-out, DC 12~24V
TDDR4-**4/8/16**GB1	Memory: SO-DIMM, DDR4,4GB/8GB/16GB Memory
TMSATA-**32/64/128/256/512**GB1	mSATA SSD: 32GB/64GB/128GB/256GB/512GB
T25SAS-**256/512**GB1	2.5" SATA SSD: 256GB/512GB
T25SAH-**1T/2T/4T**B1	2.5" HDD: 1TB/2TB/4TB
TWM-WIFIA1	Wi-Fi module, with Antenna
TWM-WIFIBT1	Wi-Fi with BT integrated module, with Antenna
TWM-4GA1	All network 4G/LTE module, With Antenna
TA-VESAB1	Additional VESA bracket for VESA mounting

Packing List

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