



Features

- High-strength 304 stainless steel, Optional 316/201 type material;
- High performance Intel Kaby lake 7th gen. Core i3/i5/i7 -U processor;
- 19.0" LCD, 1280 * 1024, True flat and fan-less design, Full IP66 protection;
- Multi-points (Max. up to 10 points) Pcap. Touch, EETI touch controller;
- 8x Full and reliable M12 water-proof aviation IO connector;
- 4x USB, 1x RS232, 1x GLAN, 1x DC, 1x COM/GLAN (Optional);
- Flexible & quick customize, support Connector & cable customization.

Specification

Hardware & System	BIOS	SPI AMI EEI BIOS
	CPU	Intel Core i3-7100U, Dual core 2.4Ghz
		Intel Core i5-7200U, Dual core 2.5Ghz, burst to 3.1Ghz
		Intel Core i7-7500U, Dual core 2.7Ghz, burst to 3.5Ghz
	Memory	SO-DIMM, DDR4, max. up to 16GB
	Storage	1*mSATA (Optional support 1* 2.5" SATA)
	Graphic	Intel HD Graphic 520
	Network	2* Intel I211AT (Optional 3G/4G/Wi-Fi)
Watch dog	0~256 seconds programmable	
OS	Win7, Win8, Win embedded, Win10, Linux	
IO interface	IO connector & cables	M12 water-proof aviation connector; 1.5 ~ 2m length cable, one side water-proof connector, the other side standard IO connector
	Ethernet	1x RJ45, 10/100/1000 Mbps
	COM	1x RS232 (Optional RS485)
	USB	4x USB
	Power	1x DC (Optional AC Power)
	Optional	1x COM or 1x GLAN
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	Full 304 stainless steel material, brushed treatment; Optional 316 or 201 materials
	Mount method	VESA 75/100
	Cooling system	Passive cooling system
	Overall dimension	475.0 * 405.0 * 55.0 (mm)
	Net weight	8.0 KG
	IP protection	Full IP66
	Power & Environmental	Operating temp.
Storage temp.		-0 ~ +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	DC12 ~ 24V
Power consumption	Around 40W
EMC	CE/FCC Class A

Dimension

DIMENSIONAL DRAWING:TPC-SC190

DIMENSIONS IN MILLIMETERS

DATE:2020.04.14
REV:A Unit:mm

Ordering info.

Part no.	Description
TPC-SC190K1	19.0" Full IP66 Stainless Steel Panel PC, 1280 * 1024, Intel Core i3-7100U, Pcap. touch, 1*GLAN, 4*USB, 1*COM, 1*DC, 1* COM or GLAN
TPC-SC190K2	19.0" Full IP66 Stainless Steel Panel PC, 1280 * 1024, Intel Core i5-7200U, Pcap. touch, 1*GLAN, 4*USB, 1*COM, 1*DC, 1* COM or GLAN
TPC-SC190K3	19.0" Full IP66 Stainless Steel Panel PC, 1280 * 1024, Intel Core i7-7500U, Pcap. touch, 1*GLAN, 4*USB, 1*COM, 1*DC, 1* COM or GLAN
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

Packing List

-	1x Standard Product with 1x 60W PSU
-	1x 2 meters Ethernet Cable (Or 2x Cables), with one port M12 connector and one port standard RJ45 connector
-	1x 2 meters Power cable, with one port M12 connector and one port standard power connector
-	4x 2 meters USB cable, with one port M12 connector and one port standard USB connector
-	1x 2 meters COM cable (Or 2x Cables), with one port M12 connector and one port DB9 connector