

TPC-SC190A

19.0" Full IP65 Stainless steel Industrial Panel PC, Intel J3455 Pcap. Touch, 8x M12 water-proof connector
IO: 1x GLAN, 4x USB, 1x COM, 1x DC, 1x COM/GLAN

■ Features:

- High-strength 304 stainless steel, optional 316/201 type;
- Low power, high performance Intel Apollo Lake J3455, Quad-core 1.5Ghz;
- 19.0" LCD, 1024*768, True flat and fan-less design, full IP65 protection;
- Multi-points (Max. up to 10 points) Pcap. touchscreen, EETI controller;
- DC 12V power input, optional AC power input;
- 8x Full and reliable M12 water-proof aviation IO connector;
- IO: 4x USB, 1x RS232, 1x GLAN, 1x DC, 1x COM/GLAN;
- Flexible & quick customization, support connector & cable customization.



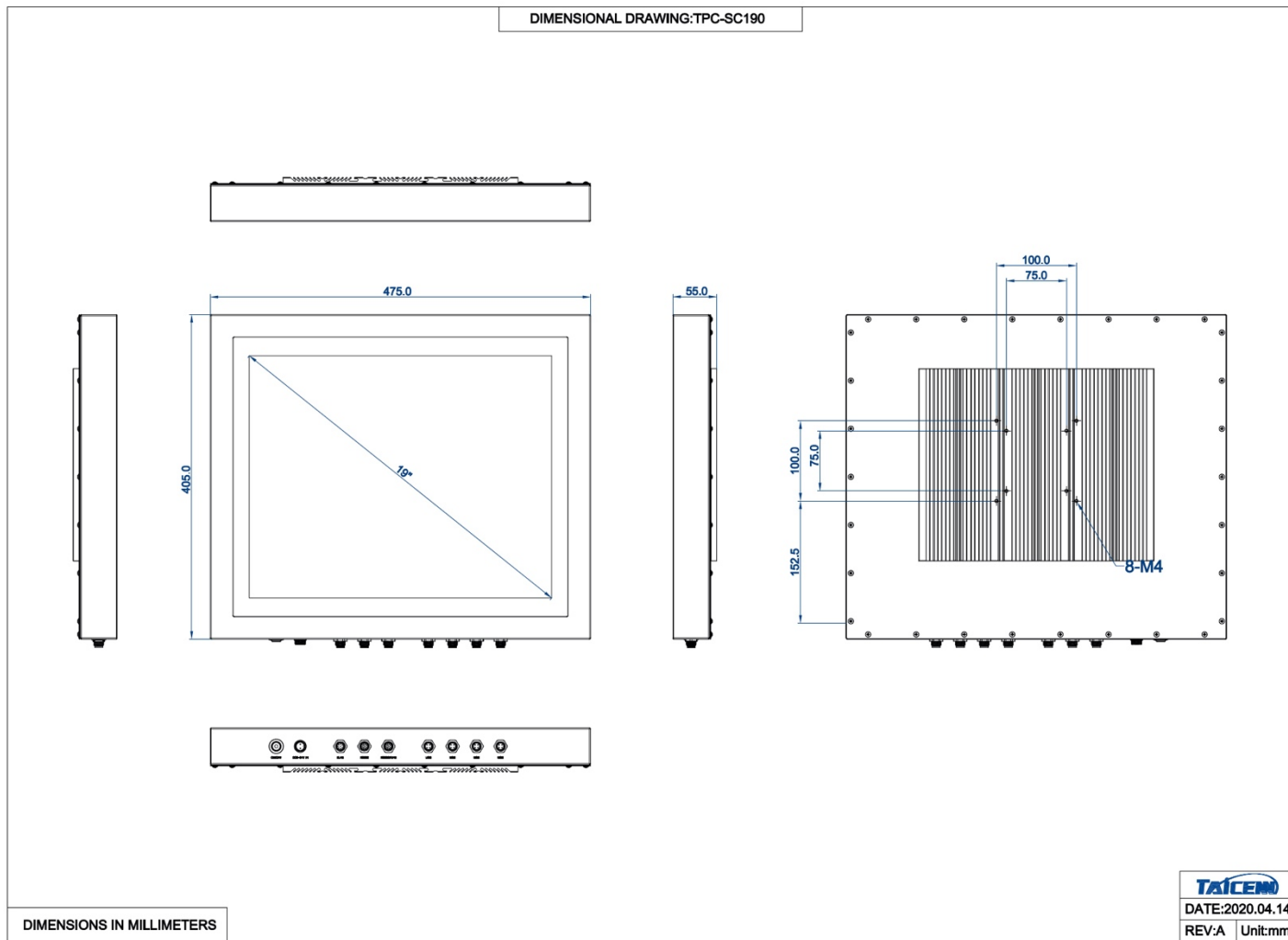
■ Specification

Hardware & system	
BIOS	SPI AMI EEI BIOS
CPU	Intel Apollo lake J3455 processor, Quad-core 1.5Ghz, burst to 2.30Ghz
Memory	SO-DIMM, DDR3L, max. up to 8GB
Storage	1* 2.5"SATA + 1*mSATA
Graphic card	Intel HD Graphics 500
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	Win10, Linux
IO interface (M12 water-proof connector)	
IO connectors	M12 water-proof aviation connector
IO cables	1.5 ~ 2m length, one side water-proof connector, one side standard connector
COM	1* RS232 (Optional RS485)
Ethernet	1* RJ45, 10/100/1000 Mbps
Audio	N/A
USB	4x USB
Display	N/A
Power	1x DC (Optional AC power)
Optional	1x Com or 1x GLAN (selectable)
LCD	
Size/Type	19.0" TFT LCD
Resolution	1280 x 1024 (SXGA)
Brightness	250 nits

Backlit & MTBF	LED backlit & 30 000 hours
Display area	376.32 * 310.06
View angle	89/89/89/89
Touch (Optional No-touch)	
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 301 materials
Mount method	VESA 75/100
Cooling system	Large area finned heat sink
Overall dimension	475 * 405 * 55.0 (mm)
Cutout dimension	N/A
Net weight	8.0 KG
IP Protection	Full 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)
Voltage input	DC 12V
Power consumption	Around 35W
EMC	CE/FCC Class A

■ Dimension

DIMENSIONAL DRAWING:TPC-SC190



■ Ordering information:

Part no.	Ordering information
TPC-SC190A1	19.0" stainless steel Panel PC, 1280 x 1024, Intel J3455, Pcap. touch, 1x GLAN, 4x USB, 1x COM, 1x DC, 1x COM/GLAN,
TPC-SG190A1	19.0" stainless steel panel PC, 1280 x 1024, Intel J3455, No touch (Glass cover), 1x GLAN, 4x USB, 1x COM, 1x DC, 1x COM/GLAN

■ Options Accessories:

Part no.	Description
TDDR3- <u>4/8</u> GB1	Memory: SO-DIMM, DDR3L, <u>4GB/8GB</u>
TMSATA- <u>32/64/128/256</u> GB1	mSATA SSD: <u>32GB/64GB/128GB/256GB</u>
T25SAS- <u>256/512</u> GB1	2.5" SATA SSD: <u>256GB/512GB</u>
T25SAH- <u>1T/2T/4TB</u> 1	2.5" HDD: <u>1TB/2TB/4TB</u>
TPS-T60W12D1	AC-DC 12V/5A 60W (If not requested)

Packing List
● 1x Standard product with 1x 60W PSU
● 1x 2meters Ethernet cable (Or 2x cables)
● 1x 2meters Power cable & connector
● 4x 2meters USB cable & connector
● 1x 2meters COM cable & connector (Or 2x cables)