



SPECIFICATION

	Industrial Penel PC All in One Touch Monitor
MODEL	TSPC
PRODUCT MODEL NAME	TSPC-101-W2
CUSTOMER	
DATE	2020-03-22

APPROVED BY TOUCH AND DISPLAYS CO.,LTD	
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CONFIRMED	



MONITOR

Key Feature

This industrial Touch Screen Panel PC All in One Linux 10.1inch. This industrial panel PC with touch screen designed with good looking and ultra-thin front bezels, only 3mm, well for embedding into cabinet, console and other equipment. It comes with 4 / 5-wire resistive or ten-point multi projective capacitive touch screens, IR touch also offer non-touch screen for some customers.

CPU Option : J1900 , J4125, J6412

i3-6100U ,i3-8145u,i3-10110u,
 i5-6200u, i5-7200u,i5-8262u,i5-10210u,
 I7-6500U,I7-7500U,I7-8565U,I7-10510U

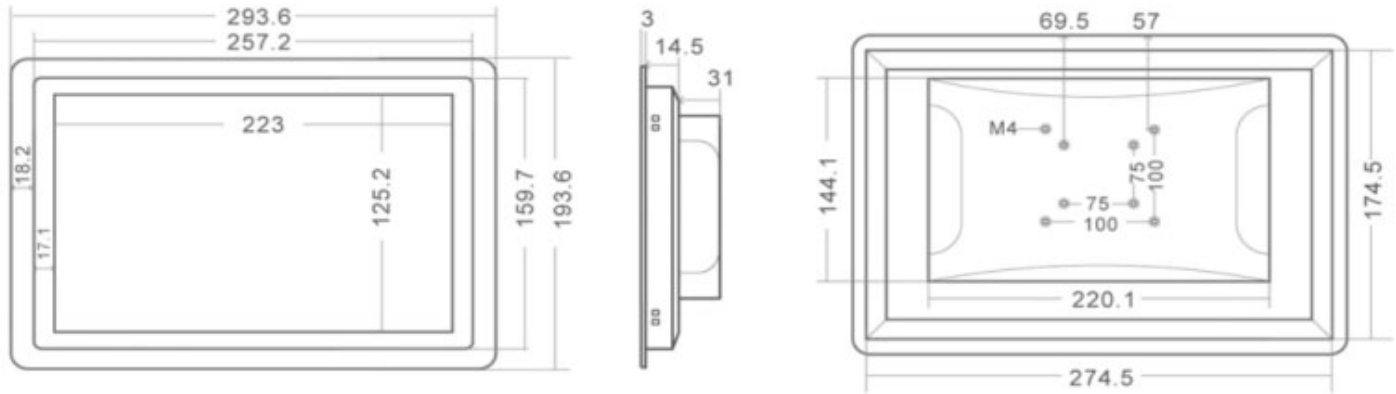
For RAM: 4g/8g /16G RAM. **For Hard Disk:** 64G/128G/256G/512G SSD, or 500G/1T HDD.

Screen	Screen size	10.1inch
	Model	TSPC-101-W2
	Resolution	1280X800
	Proportion	16:10 ratio
Motherboard	CPU	Intel Celeron J1900 1.99GHz quad-core(Max 2.4GHz) (optional Intel Celeron 1037 1.8GHz dual-core, optional Intel H81 equipped with Core i3/i5/i7)
	Hard Disk	64G SSD (Optional 128/256/512G SSD)
	Momery	4G DDR3 (supports 8G)
	Audio	Integrated Audio Chip
	Network	Integrated Gigabit LAN
	Wireless Network	built-in wifi antenna, support wireless connection
	Graphics Cards	Intel HD Graphics
	System	Window 7 Professional Ultimate, Window 10 Professional/Enterprise/Home, Ubuntu 16.04.7/Ubuntu 18.04.6/Ubuntu 20.04/Centos 7.4 /Centos 7.8/Redhat7.4/Debian7.0/Centos7.6
	Board pressure	With wide voltage(12V~36V)
	SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
Speakers	Available	
Interface	USB interface	USB2.0*2, Other sizes: USB2.0*3+USB3.0*1
	Serial Interface	COM*1, Other Sizes: COM*2, Default RS232 Protocol, Can Change 422/485 Protocol

	WIFI connector	WIFI antenna*2 2.4GHz/GHz, Dual frequency Wifi
	Power Interface	DC 12V*1
	High-definition Interface	HDMI, Supporting HDMI data output, up to 4K
	Extended display	VGA*1, support for synchronous dual display and differential display
	Network Interface	1*LAN, 10M/100M/1000M adaptive Ethernet
	Camera	M1,M5 Camera(optional)
	MIC	Front MIC(optional)
	Audio Interface	Audio I/O
	Bluetooth	BT4.0 (Optional)
	Support extensions	Multiple industry interface support customization
Display	Color	16.7M
	Point distance	0.264mm
	Screen Panel	Industrial control panel
	Contrast	1000:1
	Display brightness	300cd/m2
	View angle	(H170 (V) 170, customizable wide viewing angle 178°
	Backlight type	LED-backlit screen Lifetime ≥ 50000h
	Gray-scale response time	5ms
	Touch Optional	Resistive/Projective Capacitive/Mouse Control
	Installation method	Embedded, desktop, wall-mounted, VESA
	Other	Power
Power consumption		≤60W
Working temperature		-10°C ~ 60°C
Storage temperature		-20°C ~ 60°C
Relative humidity		0%-65% (without condensation)
Material		Full body made of aluminum alloy material
Color		Silver / Black/Optional
Warranty Policy		Three-year warranty in all, one year for free

DQ : TDS200322-J01

Degree of protection	Front panel IP65 dustproof and waterproof
Packing Accessories	Industrial Tablet PC / Mounting Accessories / Power Cord / Power Adapter / Driver CD / Manual / Warranty Card
MECHANICAL DRAWING	



Customer Request

Display Port: Customization

LCD Brightness(Dimming): High Brightness / Sunlight Readable/Dimming : Auto,Knob,Manual

- Industrial monitor : 5% Dimming (Zero Dimming : please ask to Sales team)

- High-brightness monitor : 50% Dimming (5%, Zero Dimming : please ask to Sales team)

Touch Screen : PCAP touch screen

Resistive Touch Screen

IR Touch Screen

SAW Touch Screen

Glass : Tempered Glass

AR/AG coating

Optical/Air Bonding

Power: DC voltage/AC voltage/Connector type

Cable/Connector: Length of Cable and connector type

Mechanical Housing/ IP grade/ Easy Mounting Design

NOTE

1. This is a simplified drawing, and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.

DQ : TDS200322-J01

3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O please contact our Team(TDS) for more information.