

# TPC133-W1010-I7

The whole piece adopts ultra-thin frame, all aluminum alloy structure, fanless and fully enclosed design, It is more suitable for embedded installation to meet the needs of different devices in different environments. Widely used in industrial control, military, communications, electric power, and other high-end fields.

## Features

- 3mm Super Thin Front Bezel, Best for Embedded Cabinet.
- High precision die-casting aluminum molding, pure plane wire drawing.
- process design, dustproof and waterproof.
- Self-developed fanless X86 architecture industrial motherboard
- Conform to EMC anti electromagnetic interference standard.
- Industrial protection, applicable to various harsh environments.
- Equipped with dual networks, supporting 12-36V wide voltage power supply;
- Rich interfaces and strong extensibili.



## Product Model

Product Size	13.3"
Non-touch	TPC133-W1000-I7
Capacitive touch	TPC133-W1010-I7
Resistive touch	TPC133-W1020-I7

## Product Interface



## Product Specifications

### Screen Parameters

LCD Size	13.3" TFT LCD
Resolution	1920*1080
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	220 cd/m <sup>2</sup>
Contrast ratio	1000:1

### Touch Parameters

Touch type	10-point touch projection Capacitive touch screen	Single-point Resistance touch screen	Non-touch
Transmittance	≥88%	≥78%	≥92%
Input mode	Handwriting or Capacitance pen	Fingertip or stylus	/
Controller communication	USB	USB	/

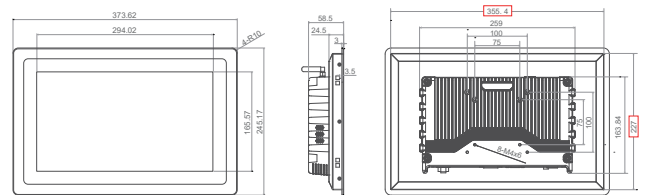
### Hardware Configuration

CPU	I7-6500U	I7-7500U	I7-8565U	I7-10510U
CPU frequency	2.5GHz	2.7GHz	1.8GHz	1.8GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel Ultra HD Graphic 620	Intel UHD630 Graphics
RAM	4G DDR4 (Optional 8G/16G)	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	8G DDR4(Optional 16G/32G/64G)
Storage	128G SSD(256G/512G SSD, 1T/2T HDD Optional)			
WiFi	Dual band 2.4G&5G			
Bluetooth	BT4.0(Optional)			
Operating system	Win7/10/11, Ubuntu/Centos/Redhat/Debian/Linux			
Other support	Support RTC real-time clock and timing switch			

### Power parameters

Input voltage	DC 12V~36V	Static Power	18W
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## Product size



### Physical Characteristics

Overall dimensions	W373.62x H245.17x D58.5mm
Size of opening	W357.4 x H229mm

### Interface

Power interface1	1*DC 2.5, Supporting 12V-36V power input
Power interface2	1*Industrial terminal, Supporting 12V-36V power input
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN, Dual 1000M adaptive Ethernet
AUDIO	1*Audio Out, Support audio output
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
VGA	1*VGA
COM	2*RS232
WiFi antenna	2*WiFi antenna
POWER	Support (1*POWER)
Grounding post	1*Grounding post (GND)

### Product Reliability

Working Temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
Relative humidity	Humidity: 95% Non-Condensing
Vibration protection	IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Impact protection	IEC 60068-2-27, half sine wave, duration 11ms
Authentication	CCC/CE/FCC/EMC/CB/ROHS
Waterproof	Front panel reaches IP65 protection level