

# TPC156-WF111

The use of aluminum alloy pure flat panel, fanless fully enclosed integrated design, stylish appearance, technological simplicity, independent research and development of X86 industrial motherboard, cost-effective, optional, with 100W camera, 13.56M card reader and RGB tricolor lights, product applications are more abundant.

## Features

- Fashionable and simple appearance, independent open mold
- High precision die-cast aluminum molding, efficient heat dissipation
- Self-developed X86 architecture motherboard, high cost performance
- Built-in 100W camera, 13.56M card reader and RGB tricolor light
- Support 12-36V wide voltage power supply.
- Support desktop, wall mount, cantilever and other installation methods



## Product Model

Product Size	15.6"
Non-touch	TPC156-WF101
Capacitive touch	TPC156-WF111
Resistive touch	TPC156-WF121

## Product Interface



## Product Specifications

### Screen Parameters

LCD Size	15.6" TFT LCD
Resolution	1920×1080 (Aspect Ratio 16:9)
Viewing Angle	85/85/85/85 (L/R/U/D)
Colour	16.7M
Brightness	300 cd/m <sup>2</sup>
Contrast ratio	800:1

### Touch Screen

Touch screen type	10 point touch projection capacitive touch screen
Light transmittance	≥88%
Input mode	Handwriting or capacitive pen
Controller communication	USB

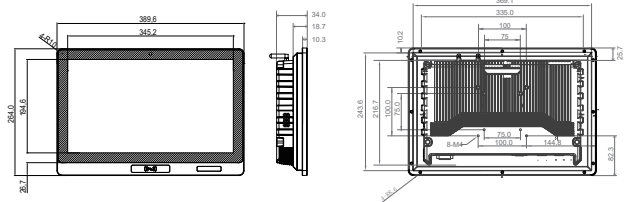
### Hardware Configuration

CPU	I3-6100U	I3-8145U	I3-10110U
CPU frequency	2.3GHz	2.1GHz	2.1GHz
Integrated graphics	Inte HD Graphic 520	Inte HD Graphic 620	Intel UHD Graphic 620
RAM	4G DDR4(Optional 8G/16G/32G)	4G DDR4(Optional 8G/16G/32G)	8G DDR4(Optional 16G/32G/64G)
Storage	128G SSD (Optional 256/512G)		
WiFi	2.4GHz / 5GHz dual bands		
Bluetooth	BT4.2		
Operating system	Windows7/10/11; Ubuntu16.04.7/8.04.5/20.04.3; Centos7.6/7.8		
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	W389.6x H264x D63mm
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### Interface

DC	1*DC 2.5
HDMI	1*HDMI, Support HDMI data output, maximum support 1080P
USB	2*USB 2.0 2*USB 3.0
LAN	2*LAN, Dual 1000M adaptive Ethernet
AUDIO	1*Audio I/O, Support audio input and output
SIM card	Standard SIM card interface, supporting various standards (depending on 3G/4G module)
VGA	1*VGA
POWER	1*POWER
Industrial terminal	1*Industrial terminal

### 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