TPC215-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.
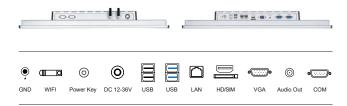- Support desktop, wall mount, cantilever and other installation methods

CPU	100W camera	NFC card reader	IP65 waterproof	Rich excuses	7*24H operation
J4125					

Product Model

Product Size	21.5"
Non-touch	TPC215-WF101
Capacitive touch	TPC215-WF111
Resistive touch	TPC215-WF121

Product Interface

GND	WIFI	Power Key	DC 12-36V	USB	USB	LAN	HD/SIM	VGA	Audio Out	COM

Product Size

Physical Characteristics

Overall dimensions	W522x H338.5x D62.6mm

Interface Parameters

Power key	1*POWER
Power interface 2	1*DC2.5, Supporting wide voltage 12V-36V power supply
USB	2*USB 2.0, 2*USB 3.0
TF	1*TF card standard interface
SIM	1*SIM, Supporting various formats (Depending on 3G/4G module)
HDMI	1*HDMI, Supporting HDMI data output, Up to 4K
Network interface	2*LAN, 1*Realtek PCI-E NIC RTL8111H (Applicable to 1000Mbps) 1*Realtek PCI-E NIC RT8152B (Applicable to 1000Mbps)
Audio interface	1*Audio Out, Support audio input and output
COM	2*RS232
WiFi antenna	2*WiFi antenna
Power on/off	1*POWER
Grounding post	Support (1*GND)

Product Reliability Parameters

Working temperature	-10°C~60°C
Storage temperature	-20°C~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, Lasting for 11ms
Product certification	CCC/CE/FCC/EMC/CB/ROHS
Waterproof grade	The front panel reaches IP65 protection level

Product Specifications

Screen Parameters

LCD size	21.5" 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/m²
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	Intel J4125 Quad-Core 1.99G (Max RWD 2.4G)	WiFi	2.4GHz / 5GHz dual bands
Memory	4G DDR3 1333/1600M (up to 8G supported)	Bluetooth	BT4.2
Storage	64G SSD (128/256/512G SSD)	Camera	100W pixels
GPU	Intel HD Graphics	LED indicator	Red/green/blue (combination)
Card reader	13.56MHz, IC card reader (ISO14443-A, ISO14443-B)	Operating system	Windows10/11、linux、Ubuntu

Power Parameters

Power input	DC 12V	Static power	18W