Capacitive All In One PC

21.5 inches Capacitive Touch Panel

Technical Specification

Model:TD215-A01

Product Introduction

NOTE: Standard layout is wall mount,and the desktop bracket is optional.

Version V1.72

We apologize that if something is changed without notice.

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I.　　Introduction

The capacitive touchscreen all-in-one PC is the most convenient, simple, natural, practical interactive device,which gathers the strengths of touch technology, computer technology, multimedia technology, audio technology, network technology, industrial plastic arts, mechanical manufacturing technology, streamlined integration of design, etc.,with a pure flat product structure,together with the excellent performance of touch experience and fast completion of information query and display, really easy to use interactive features.

Touchwo technology "TouchWo" brand capacitive all-in-one pc has been widely used in many occasions,such as car showroom, brand monopoly, hotel lobby, fairs, company showrooms, supermarkets, banks, government units and so on. We have focused on research and development production of touch products for many years, so that our products are more competitive than counterparts in both technology and practical applications.

Ⅱ、Product Characteristic

1. Structure Design：

（1）Pure flat structure, ergonomic design, slim and beautiful, streamlined shape, sophisticated technology；

（2）Display, touch, PC system integration slim design；

2. Effect：

（1）Using the newly developed projected capacitive screen, supports 10 point touch,handwriting and multi-point gesture；

（2）Touch speed is less than 3ms, good accuracy, ease of use and easy to maintain；

（3）Anti-light interference, to ensure the accuracy of operation (can be used as usual under bright light)；

3. Good scalability:Flexible configuration, can expand the installation of customer demand for a variety of functional accessories;

4. High safety: Aluminum alloy + sheet metal structure, no sharp edges, wear resistant and anti-corrosive paint process, overall explosion-proof design design;

5. Stable performance: advanced design ideas, strict production process, stable and reliable product quality, low failure rate;

6. Simple installation: power a key switch, dispense with on-site installation and commissioning.

Ⅲ、**Applications**

➢ Public places: subways, airports, bookstores, parks, exhibition halls, stadiums, museums, convention centers, ticket agents, talent market, lottery centers, hospitals, schools, telecommunications, post offices and so on;

➢ Entertainments: cinemas, gyms,holiday resorts, clubs, foot sauna, bars, cafes, beauty salons, golf courses and so on;

➢ Financial institutions: banks, securities, funds, insurance companies, pawn shops and the like;

➢ Commercial organization: shopping malls, chain stores, supermarkets, speciality stores, hotels, restaurants, travel agencies, pharmacies, etc;

➢ Properties: apartments, villas, offices, commercial buildings, model houses, sales offices and so on.

Ⅳ、**Product Specifications**

1、Touch screen parameters	
Touch screen type	Projected capacity touch screen
Response time	< 5ms
Touch points	Standard 10-point touch,Zooming in/out pictures by multi-point
Touch recognition	> 1.5mm(Finger, touch pen opaque objects)
Scanning rate	200 Hz
Scanning accuracy	4096×4096
Communication	Full-Speed USB 2.0,3.0
Theory Clicks	More than 50 million times
Operating current / voltage	180Ma/DC+5V±5%
Anti-light interference	Sunlight, incandescent, fluorescent and other light during normal use change
Touch data output	Coordinate output
Surface hardness	Physical steel Mohs 7 explosion-proof glass

Operating System Compatibility	Win 7/ Win 8 / Win 10/ XP / Linux /MAC /Android/CE
Drive	Free drive, plug and play

2、LED screen parameters

Screen Type	LED back-light, A-type
Resolution	1920*1080P
Brightness	≥ 250 cd/㎡
Contrast ratio	≥ 1000：1
Response time	14ms
Number of colors	16.7M（8-bit 2(LVDS) Channel low-voltage differential signal
Refresh rate	60Hz
Viewing angle	89/89/89/89(Typ.) CR≥10) left/right/up/down
Life time	> 50000 hours

3、Display parameters (as a touch display only partially used)

Power Interface	12V
Comb filter	3D COMB filter
VGA input(15-pin D-Sub)	1
High-definition multimedia interface（HDMI）	1
DVI Interface	1
PC-AUDIO input	1

4、Power supply parameters

Input Power	110－240V AC 50/60Hz
Output power	12V　5A
Overall power consumption	＜60W
Standby power consumption	＜0.5W

5、Working environment

Operating temperature	0℃-38℃
Working humidity	0% - 90%
Storage temperature	-40℃-85℃
Storage humidity	10% - 95%

6、Standard Accessories

Instructions	Electronic file specification
Power Adapter	1 pc
Wall mount	1 set
Warranty Card	1 set

Certificate	1 set
WIFI	1 pc

Ⅴ、Computer system

Project	Android	X86 Standard version	X86 Elite version	X86 Deluxe version	X86 Flagship version	Custom Design
Chip	Octa Core RK3368	Intel Celeron Dual-core 1037U	Intel Celeron Quad-core J1900	Intel I3	Intel I5 （Optional I7）	Available
RAM	2G	DDR3 2G/4G	DDR3 4G	DDR3 4G/8G	DDR3 4G/8G	
Hard disk	Flash 8G, scalable	SSD 32G/500G	64G/500G	320G/500G	500G/1T	
Graphics	Android HD	Integrated Graphics	Core graphics	Core graphics	Core graphics	
Definition	720P/1080P					
Operating system	Android5.1, Kernel version 3.0.28	Multi-touch：Windows 7/ Windows 8/Windows 10/ Android/Linux Single-touch: XP/CE/MAC				
NIC	Integrated 10/100 / 1000M adaptive network card, wireless network card 802.11a / b / g / n					
Input Power	220V AC 50/60Hz					

Ⅵ、size

Inch	21.5"（Diagonal 548.98mm）
display size	478.03×270.06 mm （16：9）
Machine size (width * height * thickness)	527（W）×325（H）× 43（T）mm
Package size (width * height * thickness)	580（W）×440（H）×145（T）mm
Mounting bracket	Standard wall rack（0.48kg）， or desktop base
The back wall with holes for connection machine (length * width)	100×100 mm
Wall screw specifications	M4
Net weight	Touch monitor 6.25 kg all-in-one PC 6.78 kg
G.W (packaging)	8.35 kg

Ⅶ、Whole structure diagram：

FRONT VIEW

4-R16.5

17

13.87

27.5

24.5

548.98

270.06

325

13.87

478.03

42.68

527

13.87   13.87

BACK VIEW

100   4-M4

100
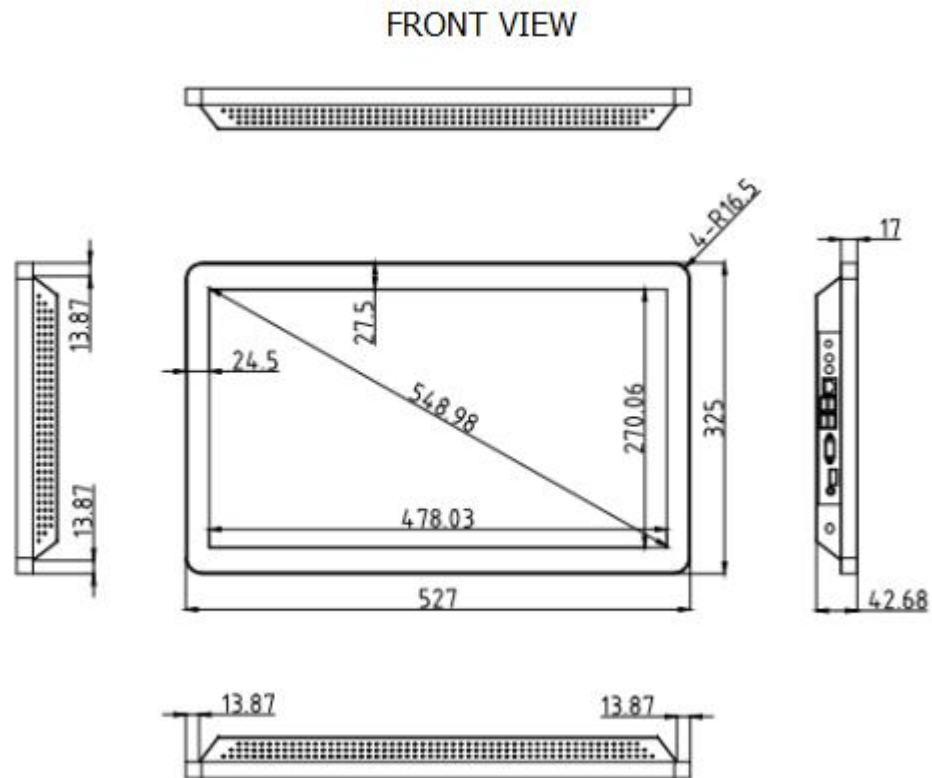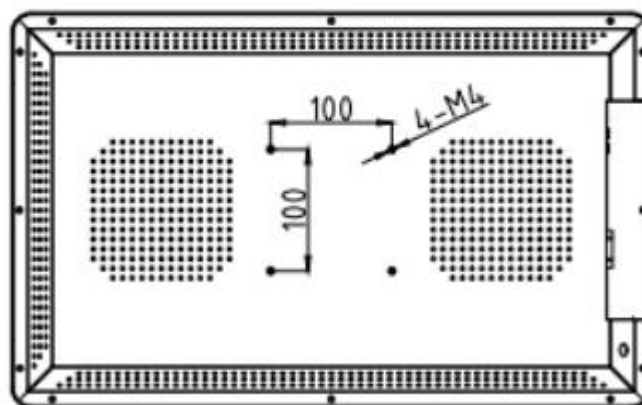
Ⅷ、**Product detail chart**

IX、Product design / product effect diagram

Black-gold, black panel and rear shell. golden frame

White-gold,golden frame and back shell,18.5/21.5/23.6 matched
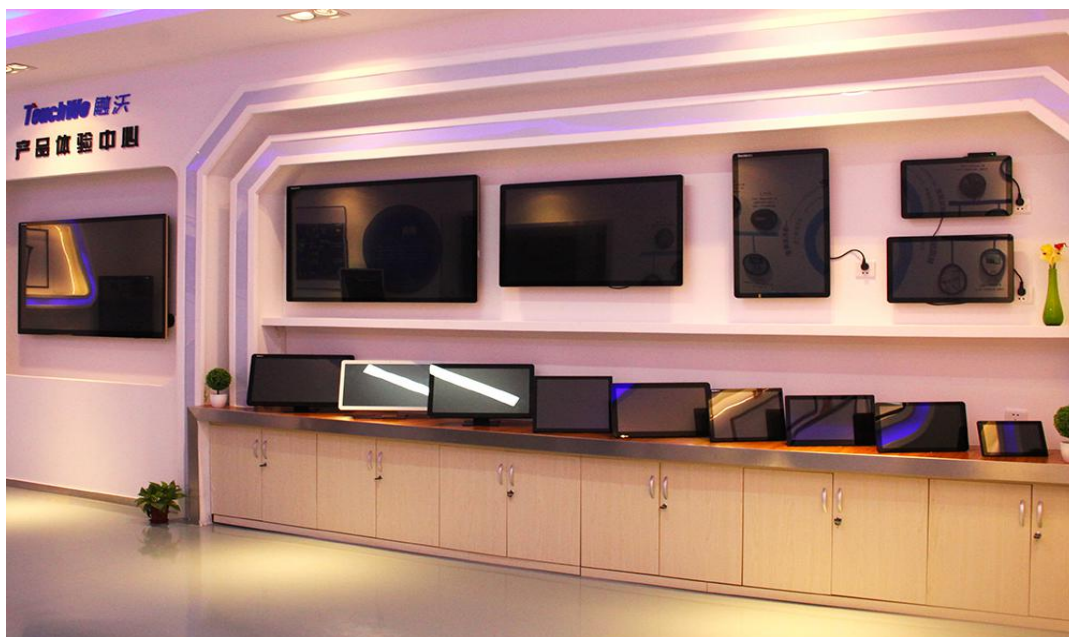

All-black, black panel,frame and back shell

Black-silver, black panel and rear shell,silver frame

More colors could be customized,details please contact our sales.

X、The real figure

Ⅺ、Product accessories

Power line&Wifi antenna	**Product Specification**	**Warranty Card**
Wall bracket	**Simple desktop bracket**	**Embedded bracket**

standard configuration:
Wall bracke/Simple desktop
/Embedded bracket
(choose one in three)
The other 2 stlyes for sell.

Desktop folding bracket

Desktop base

XII、Product Ports

Touch Monitor

- Power port
- HDMI port
- DVI port
- VGA port
- Audio port
- MIC port
- USB port

Windows OS

- 12V5A power port
- HDMI port
- VGA port
- USB port*2
- RJ45 port
- USB port*2
- MIC port
- Audio port
- WIFI antenna
- On/Off

2 com ports can be added

Android OS

- On/Off
- Power port
- HDMI port
- USB*2
- RJ45 port
- TF/SD card slot
- WIFI antenna

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