

P-Cap Multi-Touch AIO PC & Monitor Series



Product Features

P-Cap Multi-Touch AIO PC & Monitor Series

are the most convenient & advanced human-machine interactive equipment. Which integrates many functions such as touch screen, computer, multimedia, network, industrial mechanical design and innovated structure etc. with pure flat structure combined with excellent performance of touchscreen to reach the real human-machine interactive.

The displays of UMSCTD series are in 16:9 aspect ratio with the size of 7", 10.1", 11.6", 13.3", 14", 15.6", 18.5", 21.5", 24", 27", 32", 43", 49", 55" and 65"; UMSCDM series are in 4:3 aspect ratio with the size of 8", 12", 15", 17" and 19".

The UMSCTD/UMSCDM series are the best choice for digital signage, interactive information, kiosk, industry automation and other applications.

UMSCTD series

- UMSC07-TD
- UMSC101-TD
- UMSC116-TD
- UMSC133-TD
- UMSC140-TD
- UMSC156-TD
- UMSC185-TD
- UMSC215-TD
- UMSC240-TD
- UMSC270-TD
- UMSC320-TD
- UMSC430-TD
- UMSC490-TD
- UMSC550-TD
- UMSC650-TD

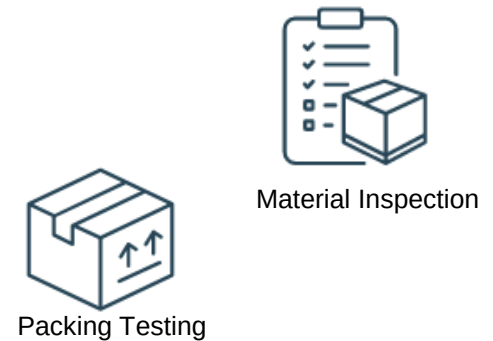
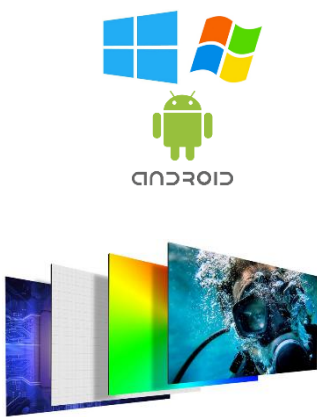
UMSCDM series

- UMSC08-DM
- UMSC12-DM
- UMSC15-DM
- UMSC17-DM
- UMSC19-DM



Product Features

- **Capacitive Touchscreen** : 10-point P-Cap touch screen.
- **A type original panel**: brightness 250cd/m2 (Optional for higher brightness panel).
- **System compatible** : touchscreen monitor/ Windows/ Android touchscreen AIO PC.
- **Steady performance** : Each unit undergoes multiple tests such as aging, temperature and humidity testing, static electricity detection, vibration, high voltage, touch click, display, etc. to ensure stable quality and support 7*24H working.



10 points touch



Super fast response



Ultra-thin & flat panel



Waterproof&anti-light interference



HD display



Support customize

Product Features

- **Mechanical structure:** mold tooling design, good seamless, waterproof IP65 at the surface, slim & pure flat structure.
- **Durable material :** aluminum alloy frame & Metal back cover , Seamless welding , Corrosion and oxidation resistance.
- **OEM services :** Flexible customizations (For example: Adding COM and USB ports 、 color 、 logo 、 camera 、 LTE module 、 card reader 、 fingerprints module 、 POE power supply etc.)



IP65 Proof



Anti-Corrosion



TouchScreen



OSD Back Panel



Fanless



Low Power

Product Features

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



All-black, black panel, frame and back shell.



White-silver, white panel and back shell, silver frame.



Specification

Measurement

Specification	7inch	8inch	10.1 inch	11.6 inch	12 inch	13.3 inch	14 inch
Aspect ratio	4:3	4:3	16:10	16:9	4:3	16:9	16:9
Max. resolution	1024*600	1024*768	1920*1200	1920*1080	1024*768	1920*1080	1920*1080

Specification	15.6 inch	17 inch	19 inch	18.5 inch	21.5 inch
Aspect ratio	16:9	16:9	16:9	16:9	16:9
Max. resolution	1920*1080	1280*1024	1280*1024	1366*768	1920*1080

Specification	23.8 inch	27 inch	32 inch	43 inch	49 inch	55 inch	65 inch
Aspect ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Max. resolution	1920*1080	1920*1080	1920*1080	1920*1080	1920*1080 4K	1920*1080 4K	1920*1080 4K

Specification

Specification

Touch Screen Parameters

Touch Screen Type:	Capacitive Touch Screen/Infrared Touch Screen
Response time:	< 5ms
Touch POINTS:	10-Point Touch/6-Point Touch
Touch effective identification:	> 1.5mm(Finger, Touch Pen)
Scanning frequency:	200 Hz
Scanning accuracy:	4096×4096
Communication mode:	Full Speed USB 2.0,3.0
Theoretical clicks:	5000Million Times
Operating current/voltage:	180Ma/DC+5V±5%
Anti-light interference:	Can be used as normal under Sunlight and other lights
Touch data output mode:	Coordinate Output
Surface hardness:	Mohs7-step Explosion-proof Tempered Glass
Operating System:	Windows 7/ 8 /10/ Windows XP / Linux /MAC OS /Android
Drive:	Free Drive, Plug And Play

LED Screen Parameters

Screen type:	LED Back Light, A-type
Refresh frequency:	60Hz
Viewing angle:	Horizontal 178 Degree, Vertical 178 Degree
Service life:	> 50000Hours

Power Supply Parameters

Input Power:	110-240V AC 50/60Hz
Overall Power Consumption:	< 60W or 120-280W
Standby Power Consumption:	<1W

Working Environment

Operation temperature:	-10°C-60°C
Working humidity:	10% - 95%
Storage temperature:	0°C-40°C
Storage humidity:	10% - 95%

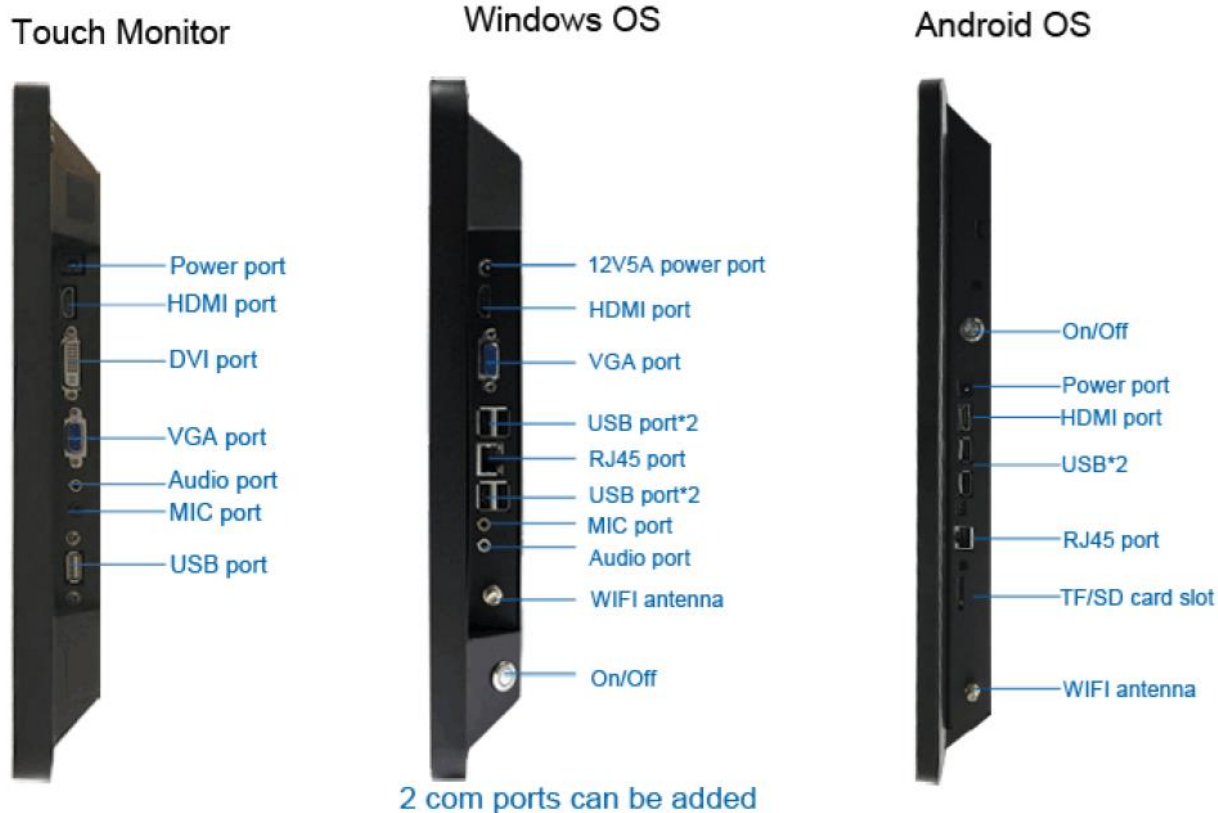
Specification

AIO System Configuration

Program	Touch screen monitor	Android	X86 Standard version	X86 Elite version	X86 Deluxe version	OEM Service
Chip	Need to connect computer to help work, more details pls check parameters 3.1	Octa core RK3368 Quad core RK3288 Hexa core RK3399	default: Intel Celeron Quad J1900	Industrial motherboard (I3、I5、I7)	H110 motherboard CPU: (I3、I5、I7)	YES
Ram		2G/4G	2G/4G/8G/16G			
Hard disk		Standrad 8G, optional 16/32G	SSD: 32G/64G/128G/256G/512G HDD:500G/1T			
Graphics cards		Android HD	Core Graphics		Core Graphics (Dedicated Graphics optional)	
Resolution		720P/1080P				
OS		Version 7.1.2 Inner core 4.4.71	Multi-touch: Win 7/ Win 8/Win 10/ Linux Single-touch: XP/CE/MAC Default Win OS			
Network	Integrated 10/100 / 1000M adaptive network card, wireless network card 802.11a / b / g / n					
Input Power	110-240V AC 50/60Hz					

Specification

I/O Ports in Different Configuration



(Note: Due to different motherboards, the corresponding interface and position at the bottom are different, subject to the actual product)

Specification

Accessory

Specification	1pcs
AC power cable	1pcs
Power adapter	1set
Wall mount/bracket	1set
Warranty	1set
Certificate	1set
HDMI/USB cable	1pcs for each (default 1.5 meter for touch monitor only)
WIFI Antenna	1pcs (Only for Windows/Android)



Power line



Adapter



Wifi Antenna
(only for touch PC)



HDMI line
(For monitor only)



USB line
(For monitor only)



Wall mount/Stand
bracket (pick 1 of 2)

Specification

Installation



Wall mount bracket



Simple desktop bracket optional



Desktop folding bracket



Desktop base

Small Waist Base



Specification

Multiple Installation

Table Top Mounting



Simple stand
(Adjustable angle 60°-120°)



Folding support
(Adjustable angle 30°-170°)



Table-top base
(Adjustable angle 60°-180°)

Specification

Multiple Installation

Wall Mounting



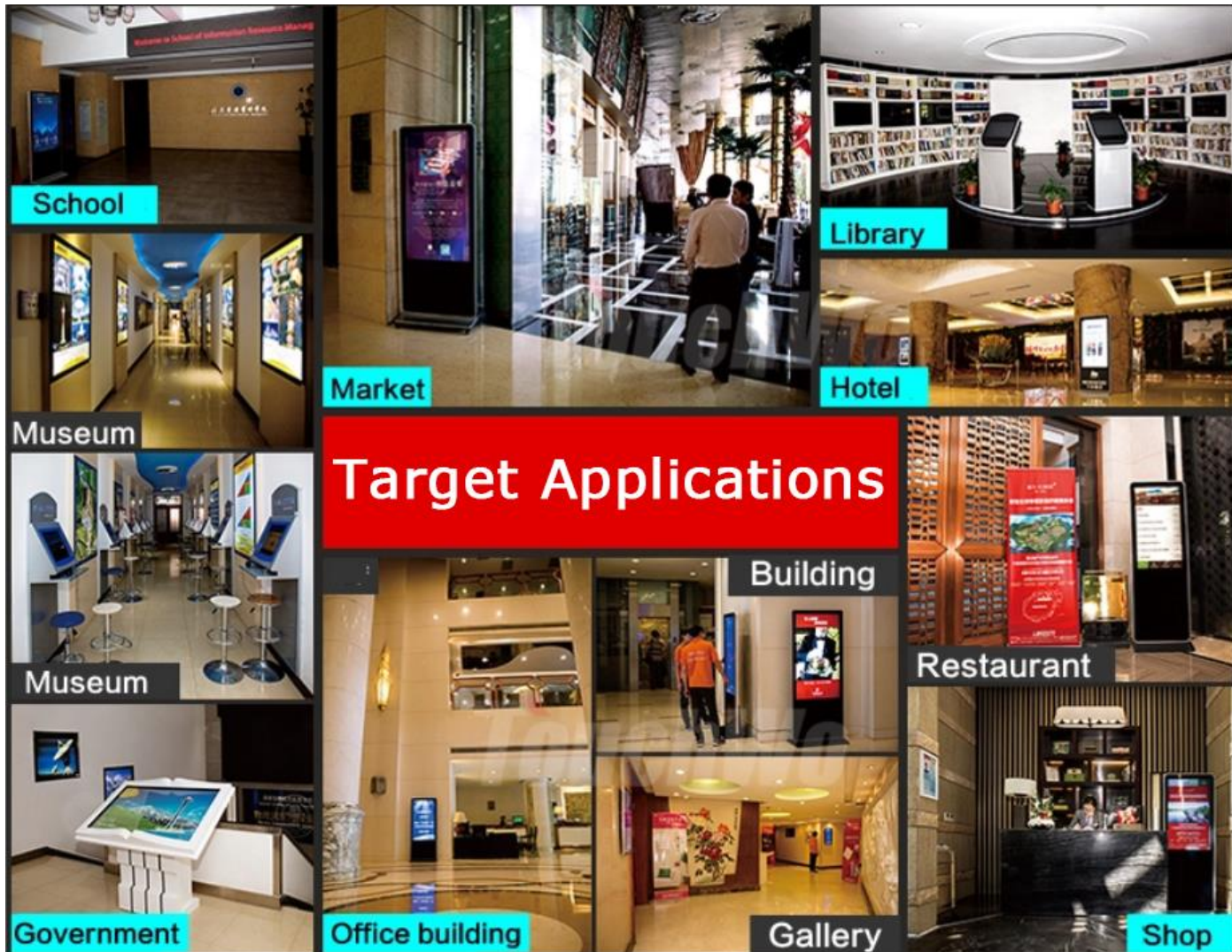
(for 32"/42"/55"/65")



Embedded Mounting



Target Applications



Business Opportunity

For Business Opportunities & Questions!

sales@mightecsys.com

MIGHTEC SYSTEMS CO., LTD.