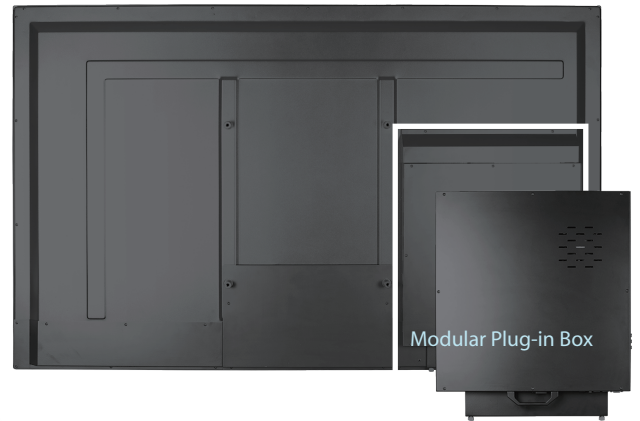


IQTOUCH DATASHEET J SERIES



Front USB Ports & Buttons

IQTouch, the new series of interactive flat panel family, creates smooth and natural writing experience with the unrivalled IR touch screen technology. Bundled with the IQClass 6.0 or installation-free IQClass Plus software, you can achieve plenty of teaching functions as multi-screen interactivity, student vote activity, cloud-based resource, etc.



Modular Plug-in Box

Product Highlights



Multi-user Collaboration

With up to 10 points simultaneous touch, users can do collaborative interactivity in any school or working environment.



UHD Image Display

4K crystal clear display delivers the highest image quality, giving the most fantastic teaching and learning experience.



Built in Android & Windows Systems

Download all your favorite Apps like you would do on your smartphone and annotate on the screen under any source.



Integrated Modular Plug-in Box

The Android board, Power supply board and OPS modules are all integrated into the Modular Plug-in Box for fast and convenient upgrading and maintenance.



Front Detachable Design

Infrared touch frame adopts front-facing independent cover design, easy to disassemble the Infrared frame without any tool assist.



OPS Connection

Plug-n-play detachable OPS module enables optional configurations, which is easier for maintenance and upgrading.



Screen Freeze Function

Freeze the current screen and keep the content display for students but teacher continues to work on the connected device.



Plug and Play

Quickly connect to multitude of audio or video devices using the front and rear ports.



Integrated Loudspeakers

Build in front-facing 2*10w loudspeakers for great listening experience throughout the whole classroom.



IQClass 6.0 / IQClass Plus Software

Fully own-developed IQClass 6.0 or new installation-free IQClass Plus software for more classroom interaction.



Model	LE055MD	LE065MD	LE075MD
Display			
Diagonal Size	55"	65"	75"
LED Light Source	LED Backlight	LED Backlight	LED Backlight
Resolution (pixels)	1920*1080	3840*2160	3840*2160
Brightness (typ)/(min)	400cd/m ²	400cd/m ²	400cd/m ²
Contrast Ratio (typ)/(min)	5000:1	5000:1	5000:1
Response Time (typ)/(min)	6.5ms(typ.)	5ms(typ.)	5ms(typ.)
Pixels Dot Distance	0.21mm * 0.63mm	0.74mm * 0.74mm	0.43mm * 0.43mm
Refreshing Frequency	60 Hz	60 Hz	60 Hz
Viewing Angle	Vertical (U&D) 178°, Horizontal (L&R)178° (CR 10)	Vertical (U&D) 178°, Horizontal (L&R)178° (CR 10)	Vertical (U&D) 178°, Horizontal (L&R)178° (CR 10)
Backlight Life Time (typ)/(min)	50,000hrs (min.)	50,000hrs (min.)	50,000hrs (min.)
Saturation(x% NTSC)	70%	70%	70%
Display Area(mm)	1209.60(H)*680.40(V)	1428.48(H)*803.52(V)	1650.24(H)*928.26(V)
Depth of Color	8bit	8bit	8bit
Power Supply			
Voltage	100V~220V, 50Hz	100V~220V, 50Hz	100V~240V, 50-60Hz
Maximum Power	150W	180W	220W
Standby Power	0.5W	0.5W	0.5W
Physical			
Net Weight	33.5Kg±1.5Kg	52.3Kg±0.5Kg	66Kg±0.5Kg
Gross Weight	40.5Kg±1.5Kg	63Kg±1.5Kg	81Kg±1.5Kg
Dimensions(W*H*D)	1293*772*102mm	1521.8*943.1*94mm	1743.8*1069.3*98.2mm
Packed Dimensions (W*H*D)	1430*900*253mm	1700*1120*240mm	1900*1220*250mm
Housing Material	Metal	Metal	Metal
Frame Color	Black	Black	Black
VESA Hole Position	4-M8 screw hole 400*200mm	4-M8 screw hole 400*400mm	4-M8 screw hole 600*400mm

Front Interfaces

HDMI In	1 optional (55" not available)
VGA In	1 optional (55" not available)
AUDIO In	1 optional (55" not available)
MEDIA-USB	1 optional (55" not available)
PC-USB	2 (USB 2.0)
TOUCH-USB	1 optional (55" not available)
Buttons	8

Output Interfaces

VGA	1 (55" not available)
COAXIAL(SPDIF)	1 (55" not available)
AV	1 for 55", other models not available
AUDIO(EARPHONE)	1 (55" not available)

Functions

Speakers	10W * 2
Power (AC) Input	1
Light Sensitivity	Yes (55" not available)

Android (LE05MD not available)

CPU	Architecture	Cortex A53
	Dominant Frequency	1.4GHz
	Cores	Quad Core
GPU		Mali-450MP4
RAM		2GB DDR3
ROM		4GB
OS Version		Android5.0

Environmental

Working Temperature	0°C ~ 40°C
Storing Temperature	-10°C ~ 60°C
Storing Humidity	10% ~ 60% RH Non-Condensing
Working Humidity	20% ~ 80% RH Non-Condensing
Display Mode	Standard, Gentle, User, Bright
Maximum Working Hours (Hours/Day)	18H

Input Interfaces

HDMI	2 (support 4K), 1 for 55"
TF	1 (55" not available)
VGA	1
AUDIO	1
YPbPr	1 (optional)
AV	1 (optional)
MEDIA-USB	3 (USB3.0*2), USB2.0*1 for 50"
TOUCH-USB	1
LAN	1 (55" not available)
WiFi	1 optional (55" not available)

Control Interface

RS232	RS232-IN*1 (55" not available)
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Language

OSD	English, Chinese, Spanish
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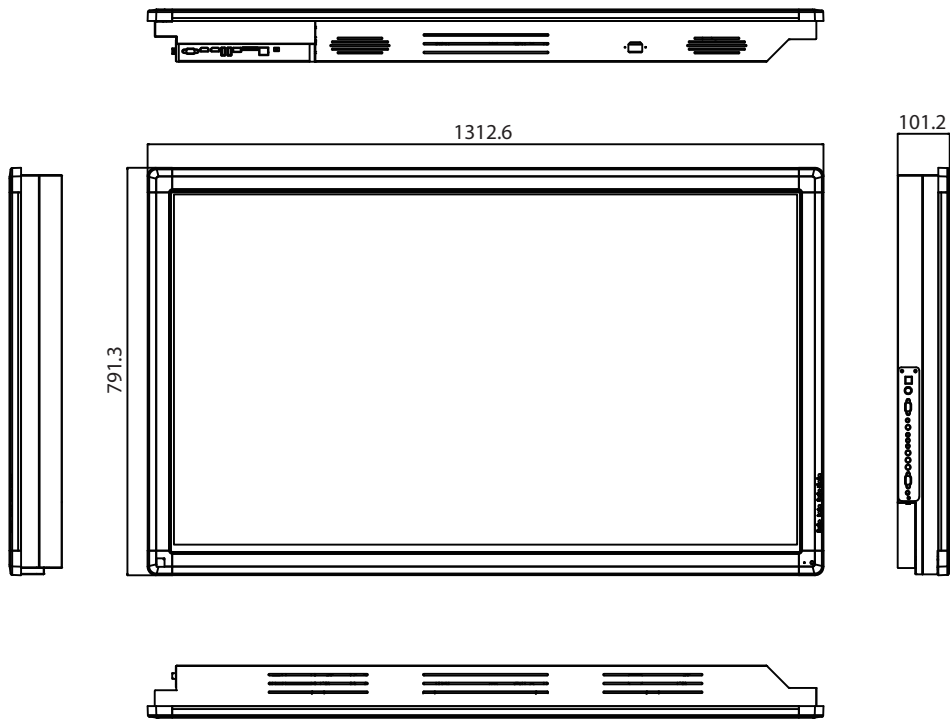
Interactivity

Touch Technology	Infrared Frame	
Glass	4mm Tempered Glass	
Glass Transmittance	>92%	
Frame Material	Metal	
Frame Color	Black/gray brushed	
Resolution(pixels)	32768×32768	
Response Speed	5ms	
Positioning Accuracy	±2mm above 90% touch area	
Input Way	Pen or fingers	
Output Form	Coordinate output	
Click Times	Infinite	
Minimum Object Size (mm)	5*5	
Minimum Touch Point Detect	1mm	
Light Resistance	Yes	
Electrical Performance	Interface Type	A type USB
	Communication Type	USB2.0
	Power Supply Mode	USB
	Supply Voltage	DC+5V±6%

Front

IQTouch - 55"

(Unit: mm)



Back

(Unit: mm)

