IQTouch

IQTouch
HN1000 Pro

A Modular Interactive Display

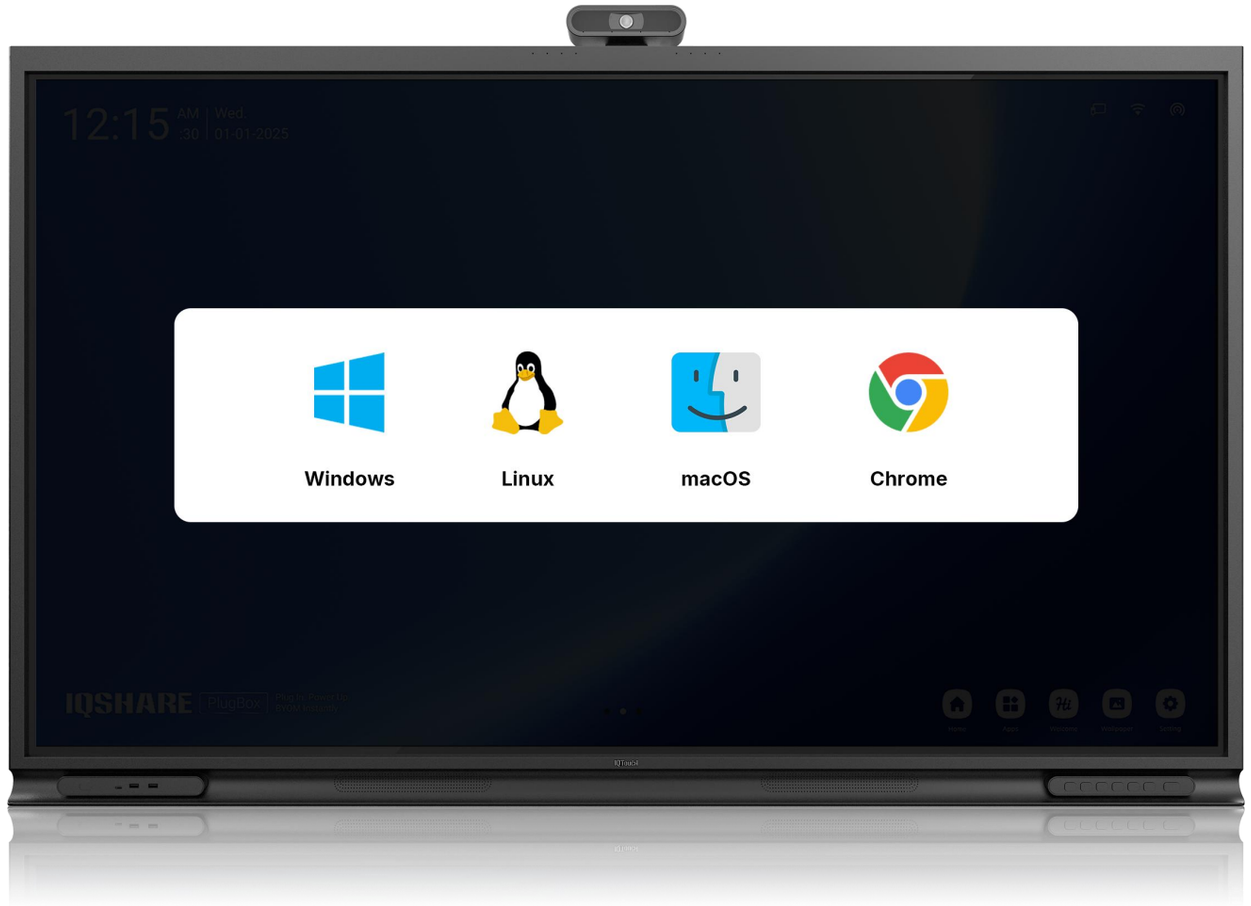
Your OS, Your Way

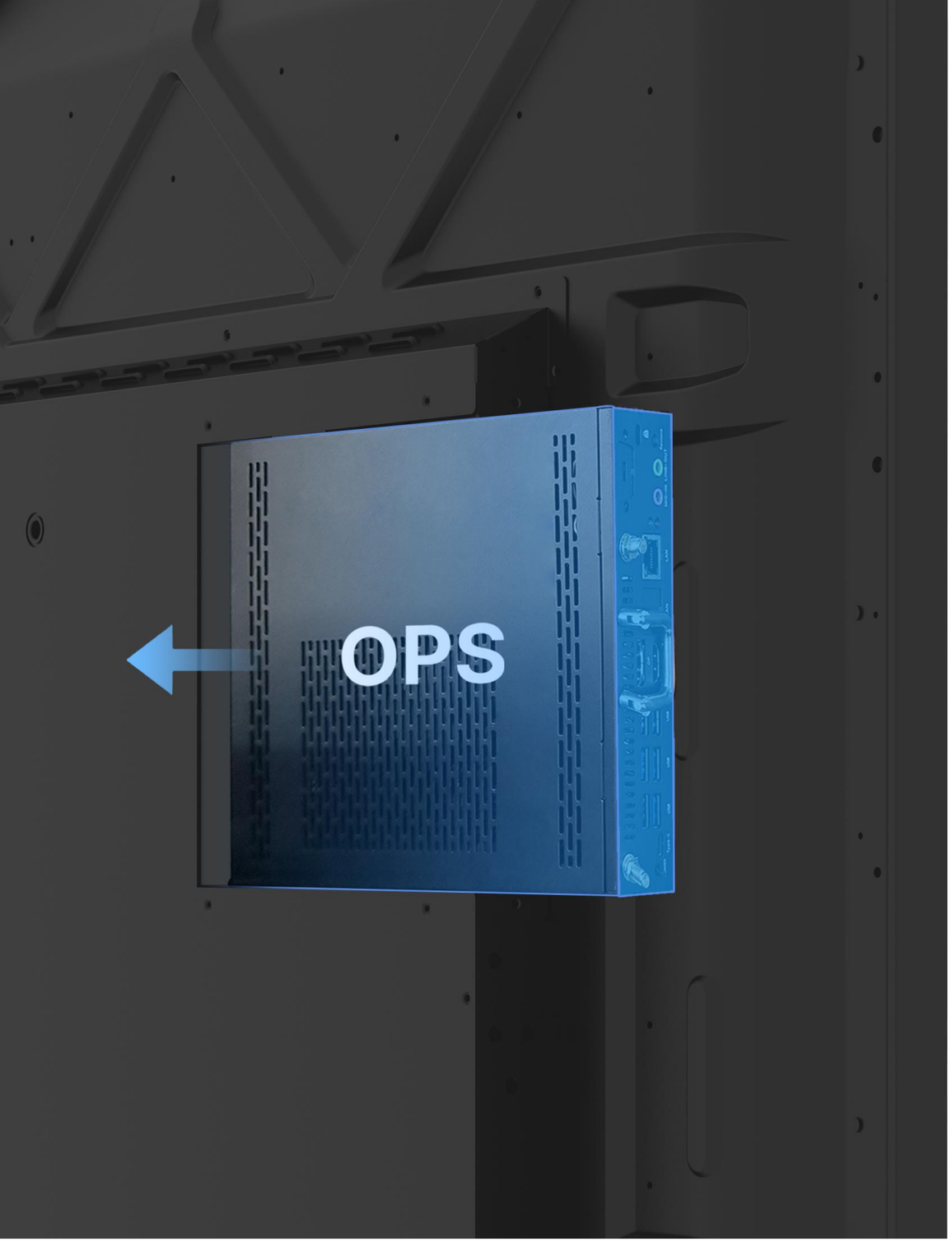
IQBOARD.NET | QNEXTECH.COM

RETURNSTAR TECHNOLOGY

Universal OS Compatibility

HN1000 Pro operates as a high-performance interactive display without a native OS, giving IT teams and educators the freedom to deploy Windows, Linux, macOS, or Chrome environments through external devices—without redundancy or system conflicts.



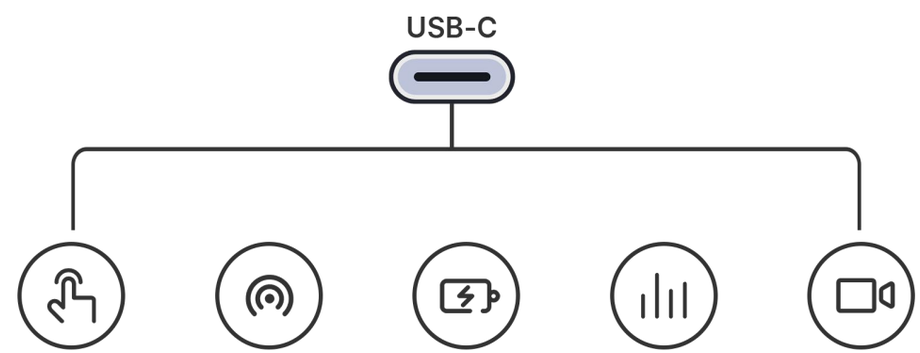


OPS-Ready Architecture

A built-in OPS slot supports both **Windows OPS and EDLA-certified Android OPS**, allowing users to freely choose the operating system that best fits their teaching or collaboration needs. This dual-OS flexibility enables easy system switching, independent upgrades, and long-term adaptability without replacing the display.

Single-Cable Type-C Connection

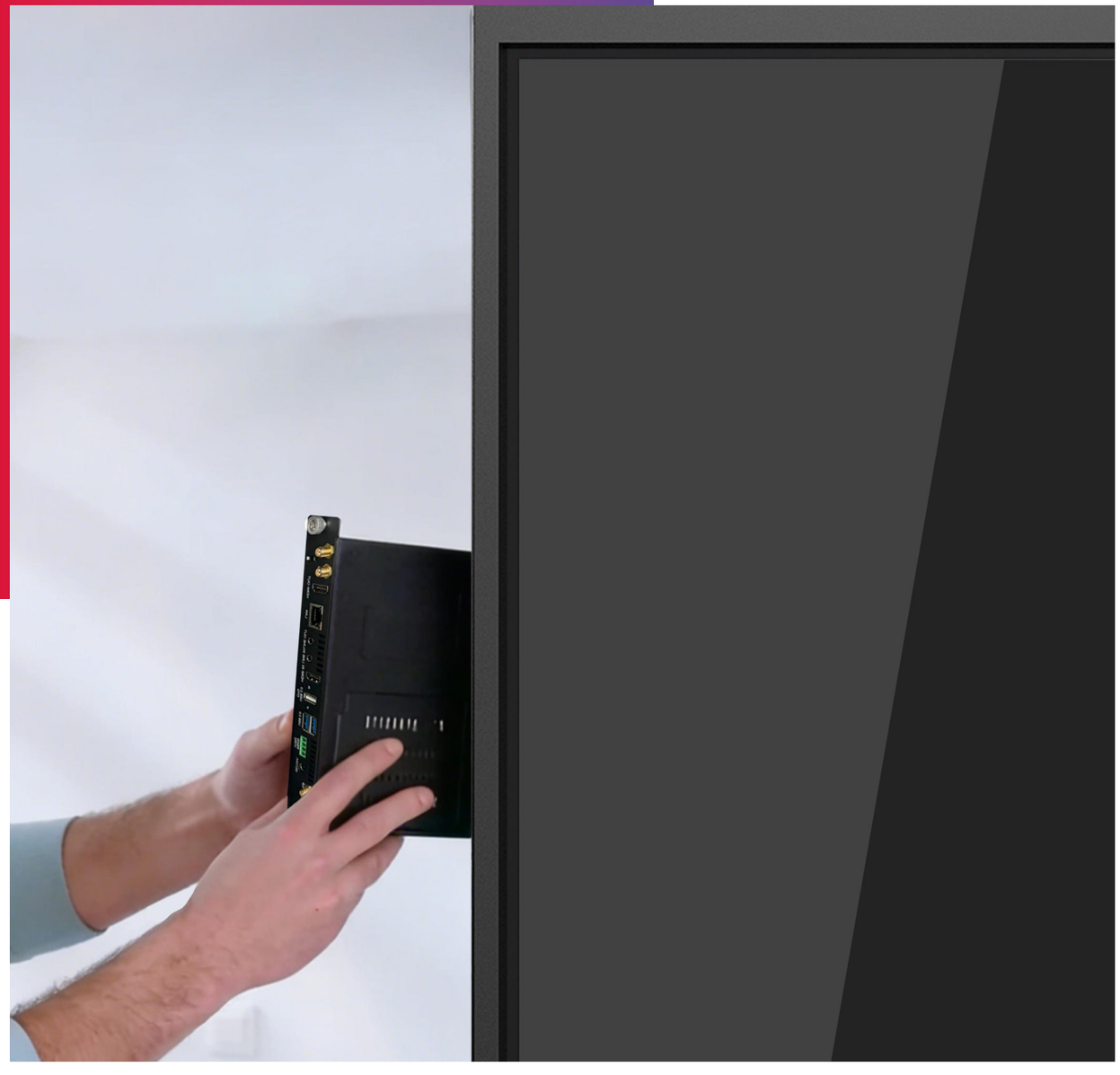
A single Type-C cable connects external devices to HN1000 Pro for video, audio, touch, and power—simplifying setup and making device switching quick and effortless.



BYOD & BYOM—Designed as a Module

Integrated IQShare PlugBox

With IQShare PlugBox embedded, HN1000 Pro transforms instantly into a wireless collaboration hub. Users can bring their own laptops to present, collaborate, or host video meetings—no OS switching, no complicated setup.

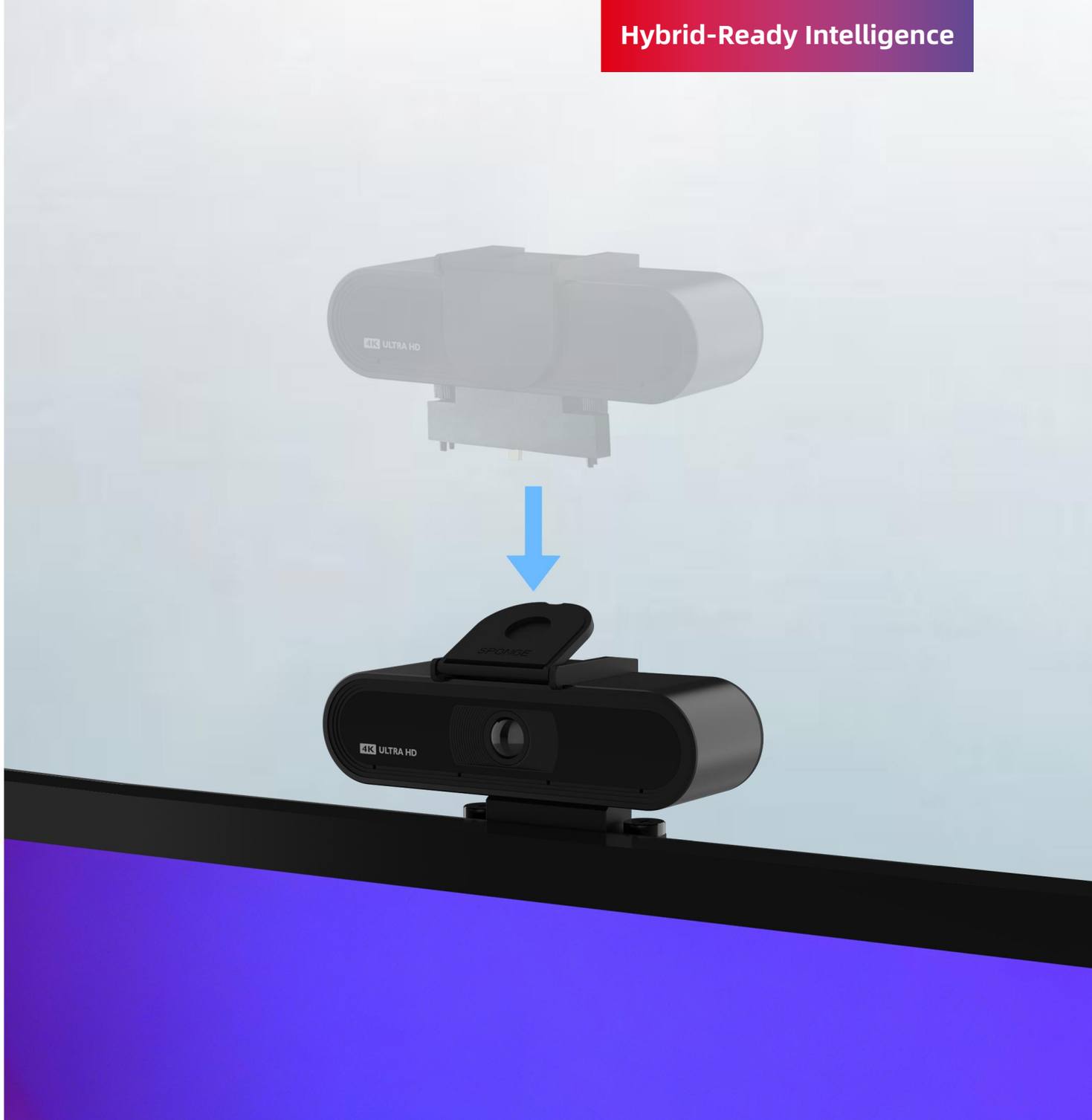


Pluggable Flexibility

Its modular design allows quick installation, replacement, or upgrades, significantly simplifying maintenance while ensuring long-term system flexibility.

Pluggable 4K AI Camera

An pluggable 4K AI camera supports auto framing and voice tracking, making HN1000 Pro ready for hybrid classrooms and video meetings—installed only when needed.



Advanced Microphone Array

Built-in 8-element array microphones ensure clear voice pickup for both in-room and remote participants.

4K UHD QLED Display

Featuring a **4K UHD (3840×2160) QLED panel**, HN1000 Pro delivers vivid colors, sharp text, and excellent clarity—perfect for multimedia teaching, data visualization, and detailed presentations.

Wide Viewing, Long Lifespan

The TFT-IPS panel offers **178° ultra-wide viewing angles** and a **50,000-hour backlight lifetime**, ensuring consistent performance in classrooms, lecture halls, and meeting spaces.

Ultra-fine Touch Technology

Supports up to **50-point touch and writing**, enabling true multi-user collaboration. With fast response times (<6 ms) and ≤1 mm accuracy, writing and annotation feel natural and precise.

Finger or Pen Recognition

Smooth handwriting and responsive gestures make it ideal for interactive teaching and brainstorming sessions.

Soulmates for IQTouch - IQ SmartPen

The smart assistance for your presentation

Color Switch

Screenshot

Wireless Presenter

Blackboard

Eraser

Annotation

Digital Laser Pointer

Hyperlink

Spotlight

Magnifier

Soulmates for IQTouch - OPS

Use your familiar Windows OS on the IFP

Pre-install IQClass One whiteboard software with activated license.

Chipset
Intel

CPU
Intel®Core i7, 10th Gen

Memory
8GB

SSD
512GB

Soulmates for IQTouch - IQShare Button C5

Share your screen with a click of a button

*USB-C & HDMI button available for choice

No network requirement

USB-C button for 4K wireless casting

Driver free

BYOM

CustomizableQ Button

Soulmates for IQTouch - IQSound SA200

Enjoy the immersive sound effect

80W output

Bluetooth 5.0

4*full-range speakers
2*tweeters

Wired and wireless connection

Soulmates for IQTouch - Mobile Stand

Move around your IFP freely for flexible use

Suitable for 55''-86''

Specifications IQTouch HN1000 PRO

Display			
Model	LE065MD	LE075MD	LE086MD
Diagonal Size	65'' (H1428.48 x V803.52)	75'' (H1649.6 x V927.94)	86'' (H1895.4 x V1065.96)
Backlight	QLED		
Panel Type	TFT-IPS		
Display Ratio	16:9		
Resolution	4K UHD(3840*2160)		
Brightness	400cd/m²		
Dynamic Contrast Ratio	4000: 1		
Contrast Ratio	1200: 1		
Response Rate	8ms(typ.)		
Refreshing Frequency	60Hz		
Viewing Angle	178° (H), 178° (V)		
Glass	3.2mm Hardened Anti-Reflection Safety Glass (8H) AG+AF Surface Treatment		
Backlight Life Time	50,000Hours		
Display Colors	10bit(D), 1.07Billon colors, 90%NTSC		

Interactivity	
	LE065MD/LE075MD/LE086MD
Touch Technology	Infrared
Touch Point	50-point touch 50-point writing under Windows
Touch Resolution	32768*32768(px)
Response Rate	<4ms(single touch) <6ms(max touch inputs)
Touch Accuracy	≤1mm
Recognition	Finger or pen
Writing Height	2mm
Minimum Touch Object	1.5mm
Supported O.S.	HID Support & Win10/Win8/Win7/Mac OS/Android/Chrome OS/Linux

Front Buttons	
Front Buttons	POWER, TOUCH LOCK, VOL+, VOL-, SOURCE, MENU, IQSHARE

Connectivity		
Front	USB(Public)3.0	2
	TYPE-C(USB2.0&Video&Audio&Touch&65W)	1
Input	HDMI 2.0(4K 60Hz)	2
	TYPE-C(USB2.0&Video&Audio&Touch&15W)	1
	USB2.0(OTG)Type-A	1
	USB3.0(Public)Type-A	2
	USB3.0(for Touch)Type B	1
	RS232	1
	TYPE-C(USB2.0)Top	1
Output	OPTICAL SPDIF OUT	1

Function	
Built-in Speaker	20W*2+20W
Camera	8MP(4K AI Camera with Auto Framing&Voice Tracking) TYPE C Plug-and-Play Built-in 4 Microphone-array
Array Microphone	Built-in 8 Array microphone

IQShare Plug Box (80Pin)	
Main Board Solution	RK3576
CPU Framework	Cortex-A72*4 + Cortex-A53*4
CPU Processor Speed	2.2GHz
GPU	G52MC3
RAM	4G
ROM	64G
O.S. Version	14.0

Power			
	LE065MD	LE075MD	LE086MD
Voltage	100V~240V AC 50/60Hz		
Maximum Power(excluding OPS)	≤415W	≤415W	≤515W
Standby Power	≤0.5W		

Environment	
Working Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Working Humidity	20% ~ 80% RH Non-Condensing
Storage Humidity	20% ~ 90% RH Non-Condensing

Physical			
	65”	75”	86”
Net Weight (kg)	40±1.5	56±1.5	66±1.5
Gross Weight (kg)	46±1.5	70±1.5	81±1.5
Product Size (mm)(W*H*D)	1501*930*115	1723*1055*115	1968*1194*115
Packing Size (mm)(W*H*D)	1576*980*200	1800*1125*200	2044*1262*200
VESA Hole Position(mm)	4-M8 screw hole 500*400	4-M8 screw hole 600*400	4-M8 screw hole 800*400

Language	
OSD	English, Simplified Chinese, French, German, Spanish, Italian, Polish, Japanese,

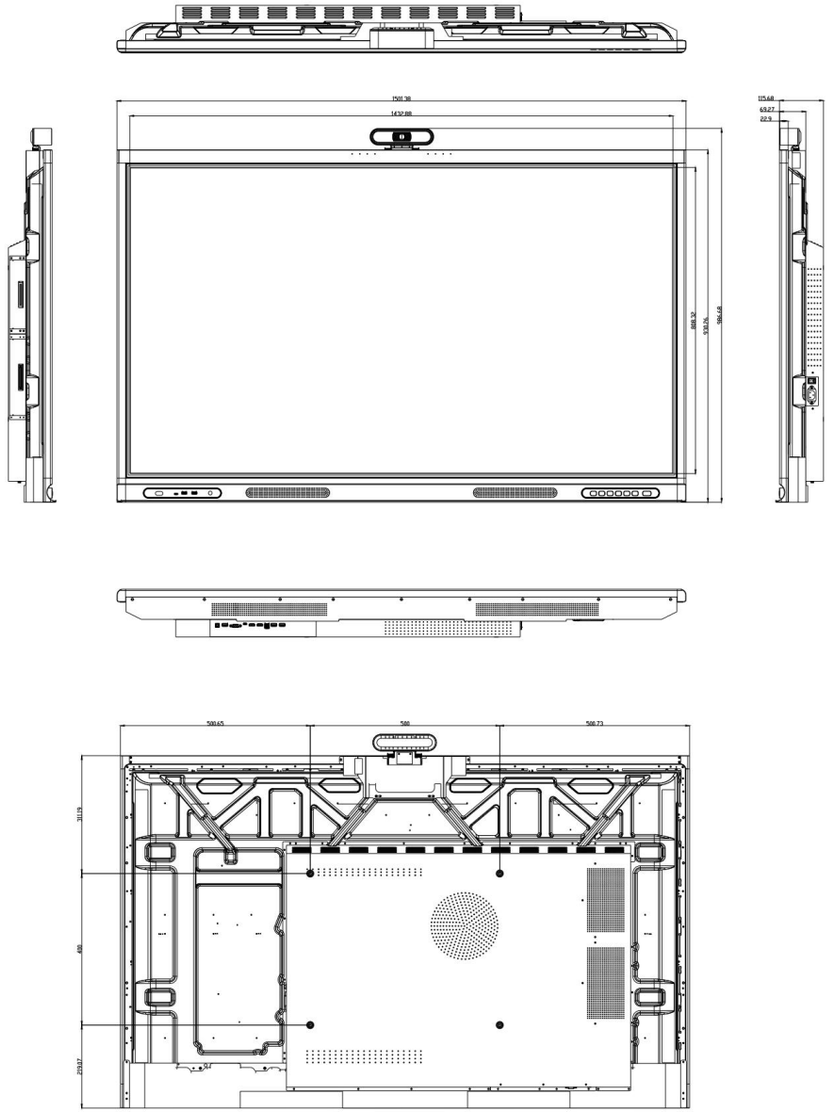
Accessories	
Power Cord	1(1.5m)
HDMI Cable	1(1.5m)
USB Cable	1(1.5m)
Remote Controller	1
Colorless Writing Pen	2
Wall Mounting Brackets	1

Certificate
CE, FCC, ROHS, BIS, IEC, WEEEE, Energy Star, CB, IECEE, TUV Low blue light, ERP

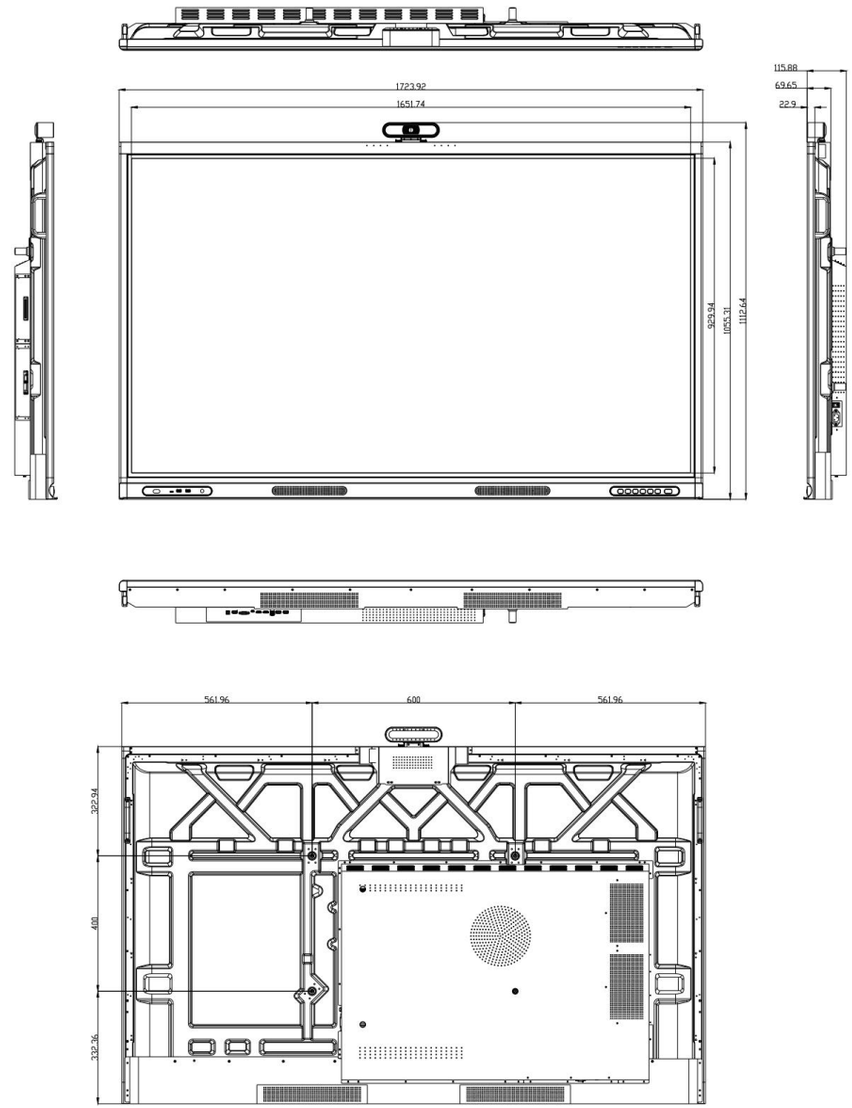
Warranty
Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information

DIMENSION & WALLMOUNT

LE065MD

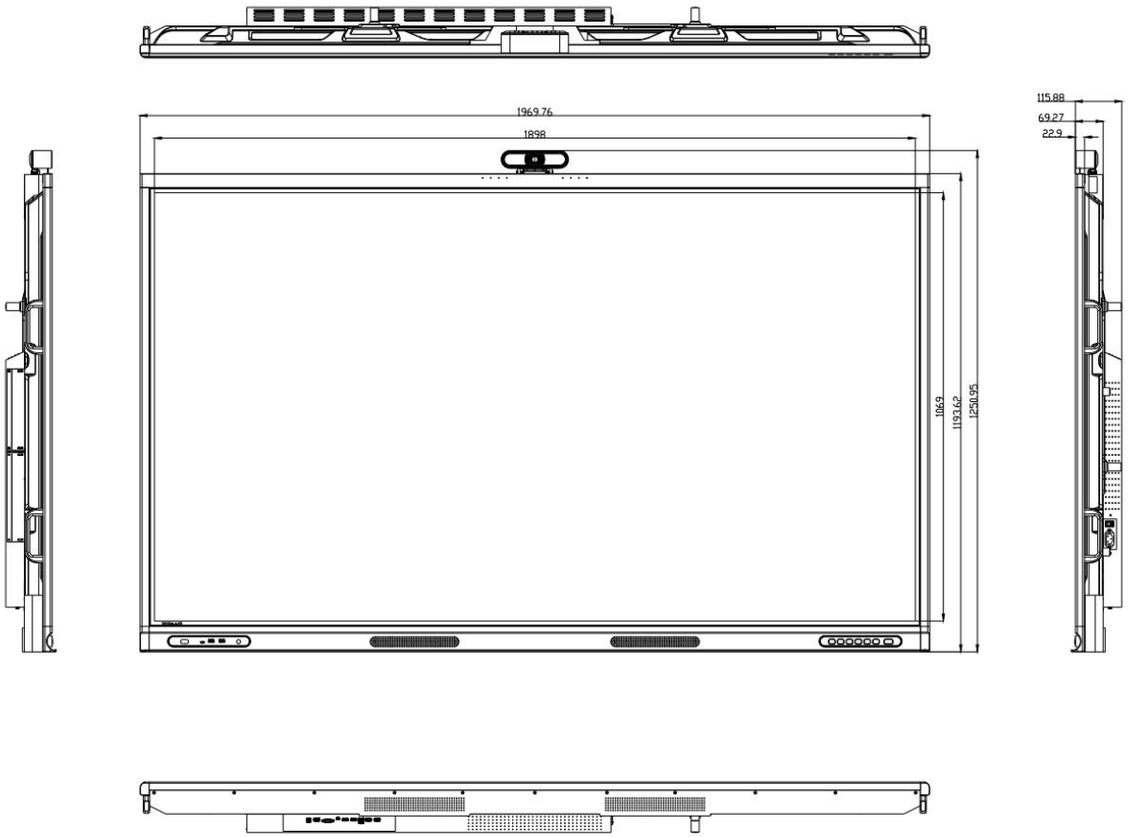


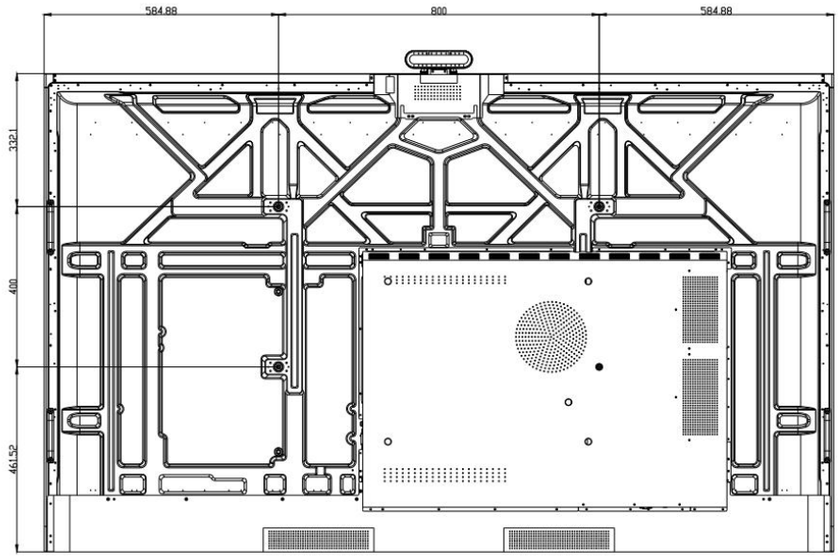
LE075MD

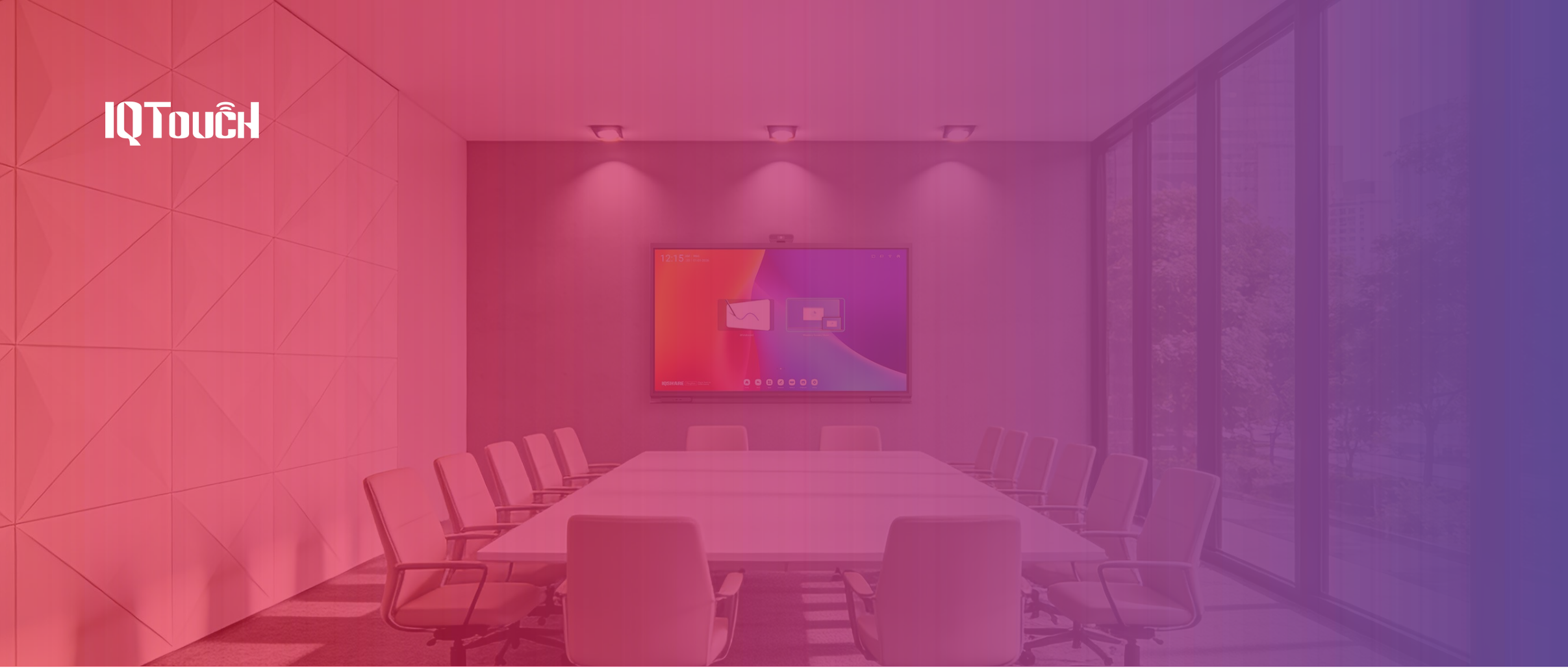


DIMENSION & WALLMOUNT

LE086MD







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