

IQTouch

65" / 75" / 86" / 98"

IQTouch TB1600D Pro

Latest **Android 16** Interactive Flat Panel

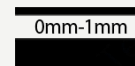




Android 16.0

4K

4K UHD Display



Zero+ Bonding



50-Touch Point



48MP 4K Camera



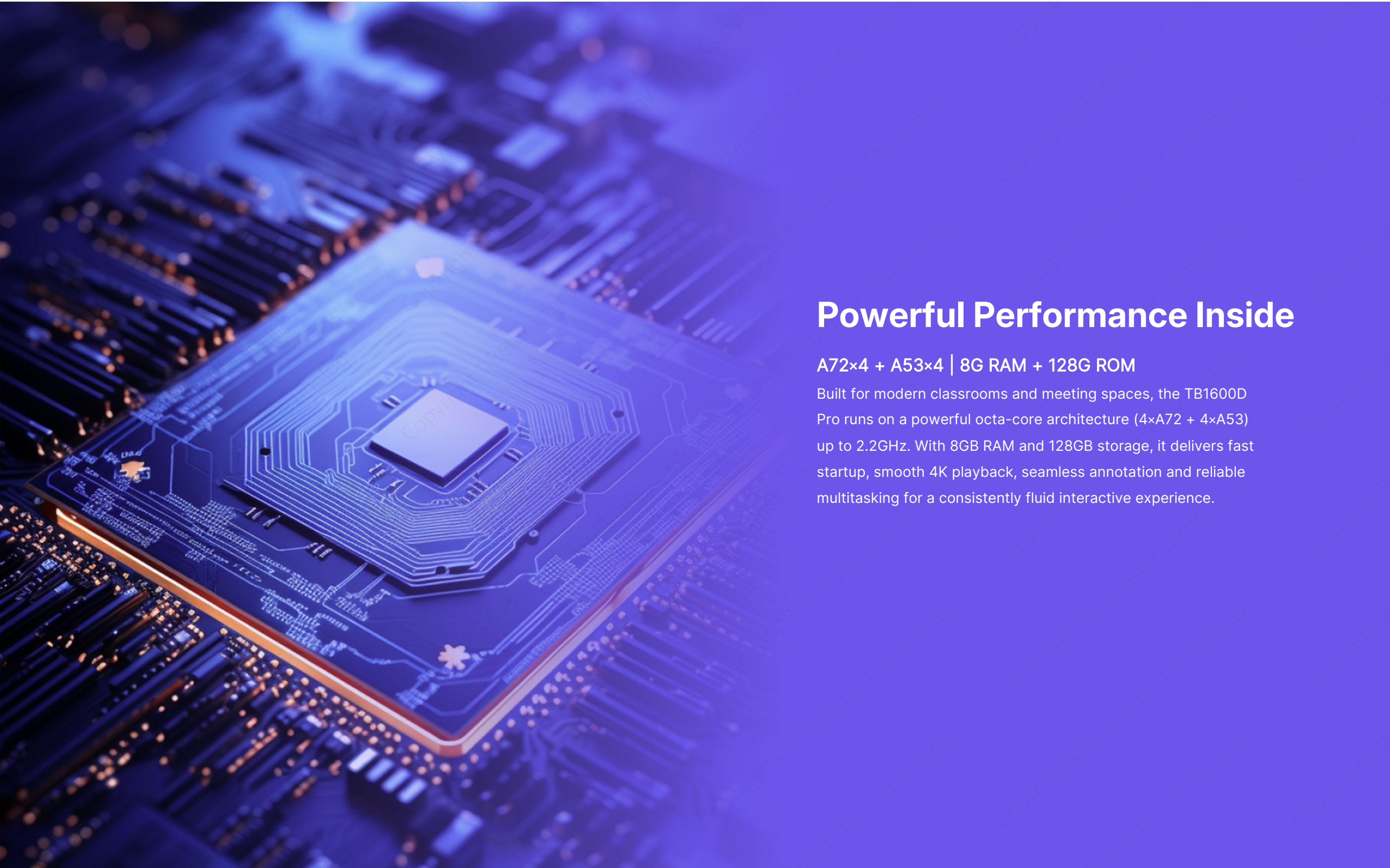
NFC Access Control



Wi-Fi 6 Embedded



4K BYOD



Powerful Performance Inside

A72×4 + A53×4 | 8G RAM + 128G ROM

Built for modern classrooms and meeting spaces, the TB1600D Pro runs on a powerful octa-core architecture (4×A72 + 4×A53) up to 2.2GHz. With 8GB RAM and 128GB storage, it delivers fast startup, smooth 4K playback, seamless annotation and reliable multitasking for a consistently fluid interactive experience.

Cutting-edge Integration with Android 16

Dive into brilliance as the latest Android 16 system merges flawlessly with IQ OS, redefining the way you interact with your device.





4K UHD screen



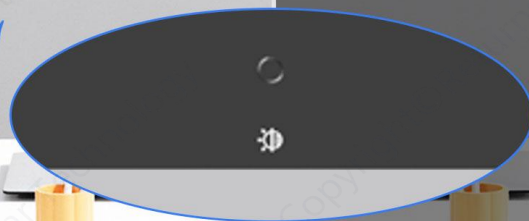
Regular screen

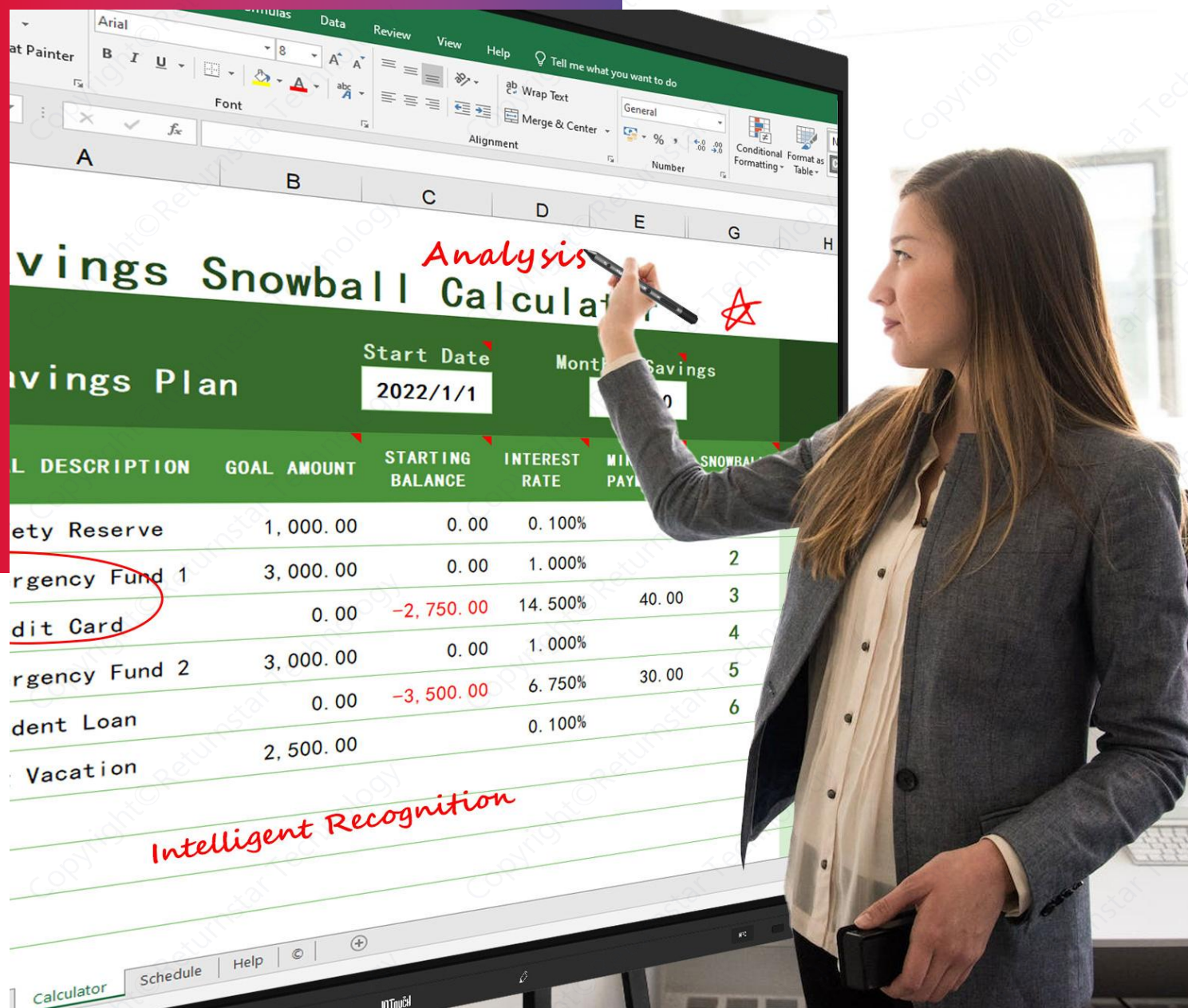
Vivid 4K Visuals

Immerse yourself in stunning visuals on the 4K UHD display with vibrant colors, high contrast, and 80%+ NTSC range.

Ambient light sensor - Auto adjust brightness

The ambient light sensor ensures automatic brightness adjustment for optimal clarity and eye comfort.





Effortless Writing Precision

Experience instant, high-precision writing with Infrared Ultra Fine (IUF) technology. Compatible with Windows Ink, effortlessly capture and share ideas directly on MS Office documents.



50-point touch



50-point writing

Dynamic BYOD & Group Learning Facilitated



Share multiple mobile devices to the large screen
with up to 4-split screen.



Broadcast the same content across displays
for collaborative learning.

Advanced Audiovisual Performance

- **48MP 4K Camera**

Capture crystal-clear images and ultra-high-definition video with the integrated 48MP 4K camera.

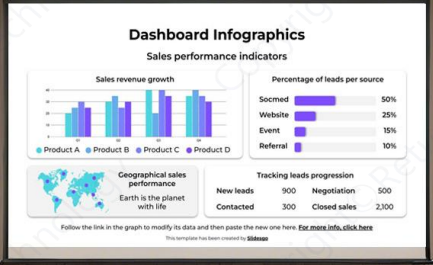
- **8 Array Mic**

Seamlessly integrating 8 microphone arrays embrace Acoustic Echo Cancellation (AEC) technology and support the ideal voice pickup range of up to 6 meters.



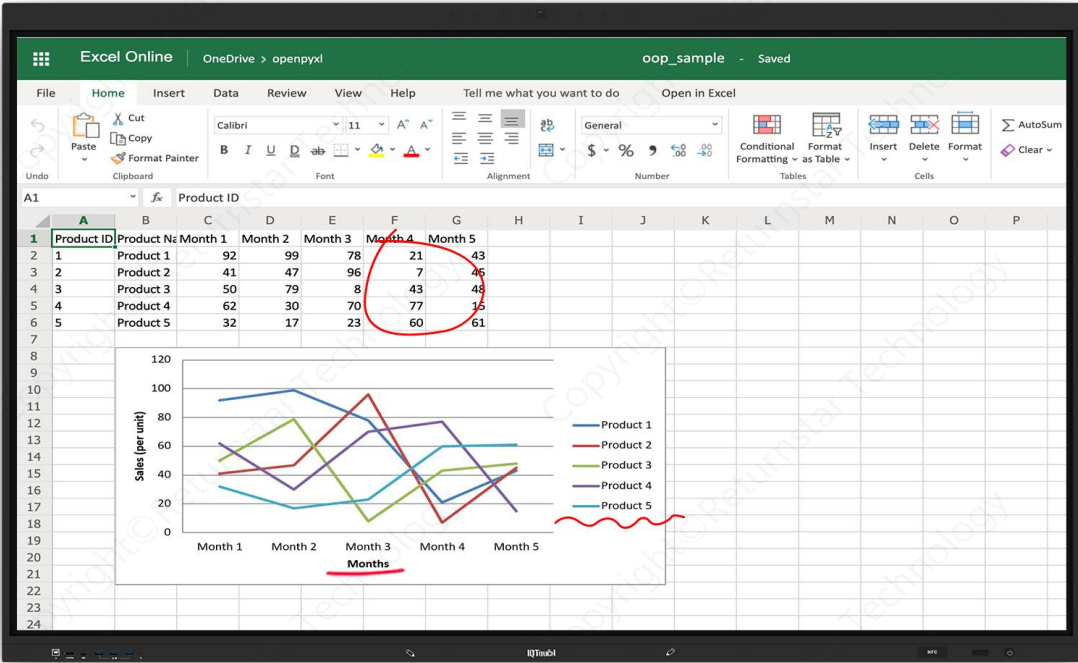
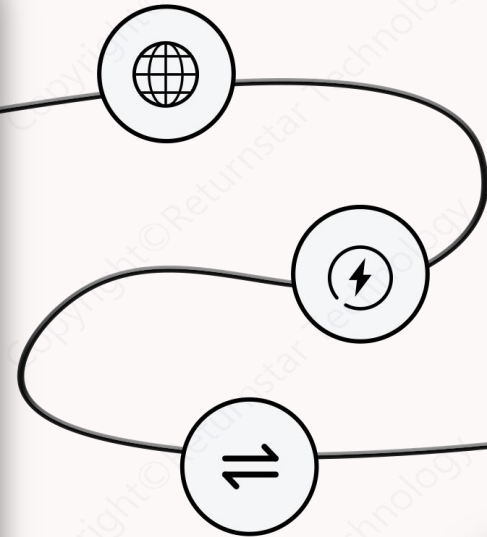
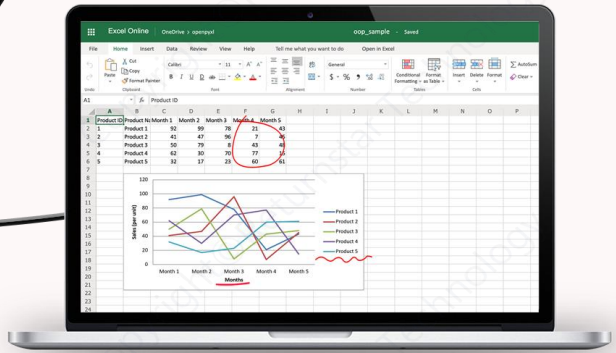
HDMI OUT for Extended Screen

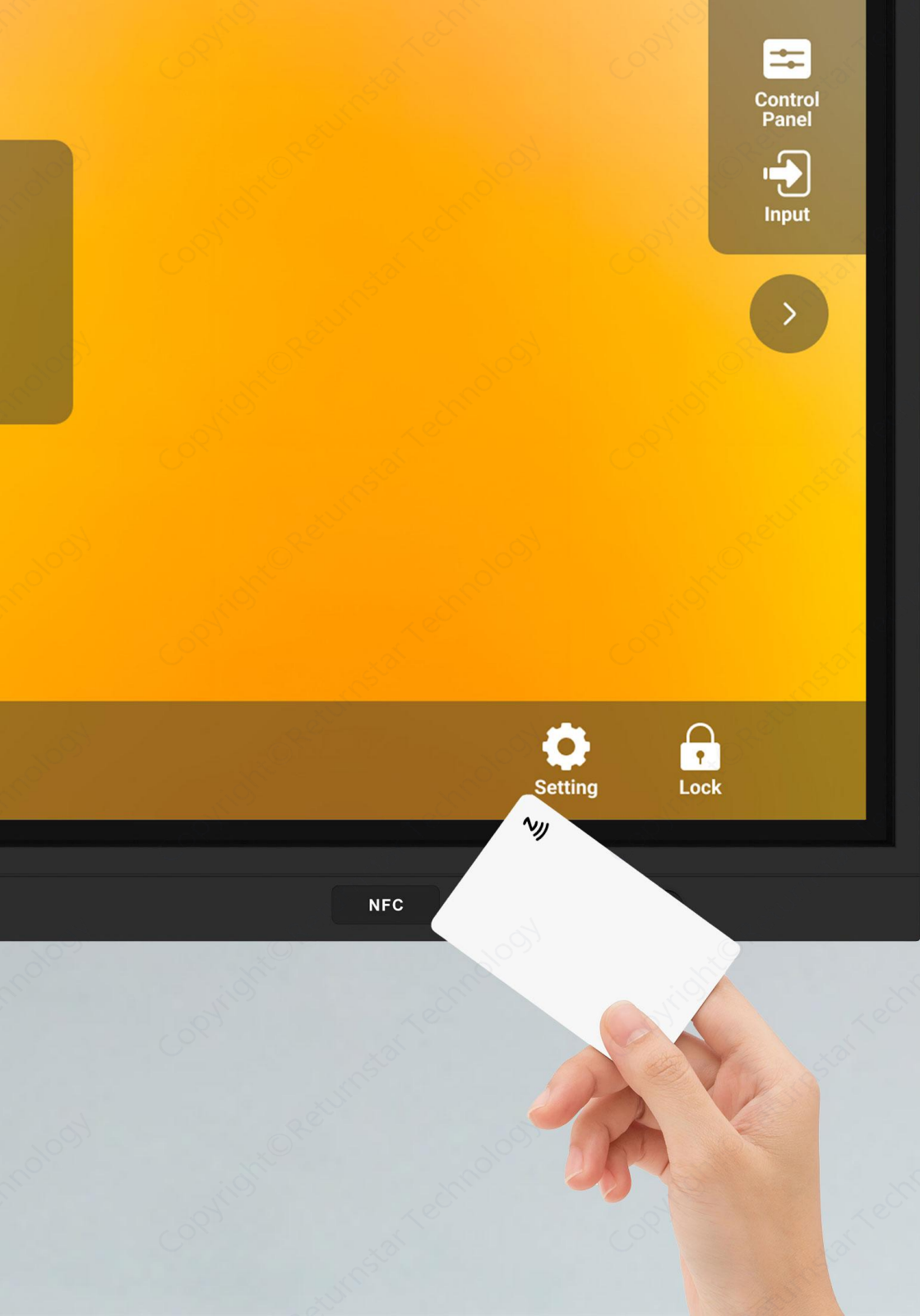
Dual screen solution enables simultaneously delivering the 4K@60Hz image and sound from the interactive display and the external device. It is ideal for the larger space of the classroom or conference room to maximize the visibility.



Plug & Play USB-C

A single cable solution for interactive touch panel realizes two-way touch control, LAN share, 15W fast charging, audio and 4K@60Hz video transmission with the interactive display. Compatible with multiple mobile devices such as laptops, tablets, and smartphones, which instantly starts your presentation in a stress-free way.





NFC Access Control: Smarter Screen Security

Built-in NFC technology allows users to lock and unlock the screen effortlessly using NFC cards. Instead of relying on manual password entry, teachers, administrators, or IT staff can simply tap their assigned NFC card on the panel to gain instant access.

High Speed Network

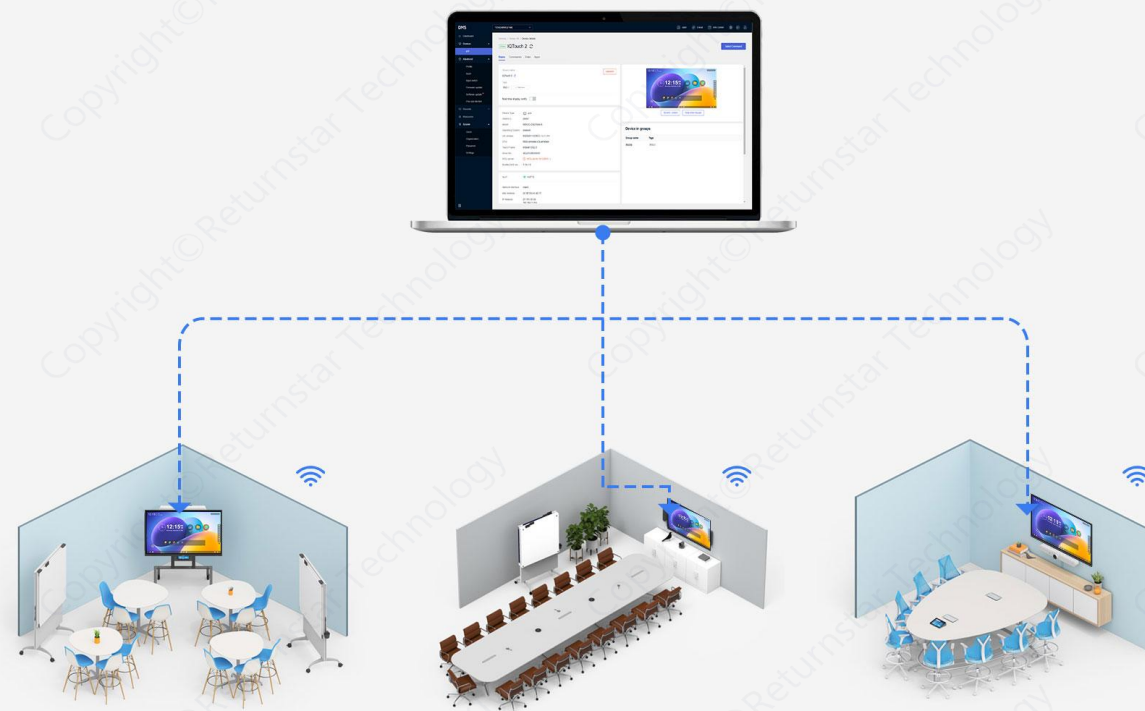
Dual-Band WiFi 6

Dual-band WiFi module design makes it possible to simultaneously access the Internet and share the hotspot that allows wired and wireless transmission without interference. Even 4K video can be presented smoothly without lag.



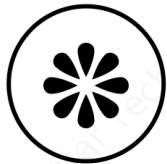
Device Control Simplified with IQ MDM

Your remote control hub for swift batch operations, real-time monitoring, and seamless file transfers. Empower your devices with unparalleled ease!



- **Soulmates for IQTouch - IQ SmartPen**

**The smart assistance for
your presentation**



Color Switch



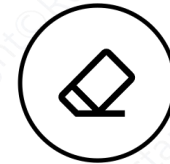
Screenshot



Wireless Presenter



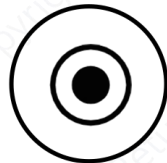
Blackboard



Eraser



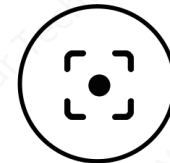
Annotation



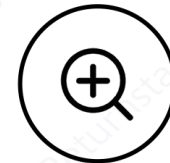
Digital Laser Pointer



Hyperlink



Spotlight



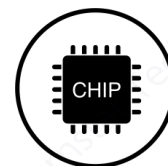
Magnifier

- **Soulmates for IQTouch - OPS**

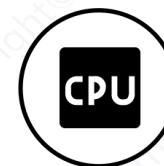


Use your familiar Windows OS on the IFP

Pre-install IQClass One whiteboard software
with activated license.



Chipset
Intel



CPU
Intel®Core i7, 10th Gen



Memory
8GB

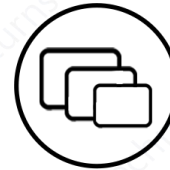


SSD
512GB

- **Soulmates for IQTouch - Mobile Stand**



**Move around your IFP
freely for flexible use**



Suitable for 55"-86"

Specifications IQTouch TB1600D Pro



Display				
Model	LE065MD	LE075MD	LE086MD	LE098MD
Diagonal Size	65" (H1428.48 x V803.52)	75" (H1649.6 x V927.94)	86" (H1895.4 x V1065.96)	98" (H2160.86 x V1216.35)
Backlight	Direct LED(DLED)			
Panel Type	TFT			
Display Ratio	16:9			
Resolution	4K UHD(3840*2160)			
Brightness	350cd/m²			
Dynamic Contrast Ratio	4000: 1			5000: 1
Contrast Ratio	1200: 1			
Response Rate	8ms(typ.)			
Refreshing Frequency	60Hz			
Viewing Angle	178° (H), 178° (V)			
Glass	3.2mm Tempered Glass with Anti-Glare coating(8H)			
Backlight Life Time	50,000 hrs			
Display Colors	10bit(D), 1.07Billion colors			

Interactivity	
Touch Technology	Infrared
Touch Point	50-point touch; 50-point writing under Windows; 20-point writing under Android;
Touch Resolution	32768*32768(px)
Response Rate	<4ms(single touch) <6ms(max touch inputs)
Touch Accuracy	≤1mm
Recognition	Finger or pen
Writing Height	3mm
Minimum Touch Object	2mm
Supported O.S.	HID Support & Win10/Win8/Win7/Mac OS/Android/Chrome OS/Linux

Front Buttons	
Front Buttons	1 Button: POWER

Connectivity		
Front	USB 3.0(Android&PC)	3
	HDMI IN 2.0	1
	TOUCH-USB	1
	TYPE-C (USB 2.0&Video&Audio&Touch&15W)	1
Input	RJ45(10/100/1000 Mbit/s)	1
	HDMI 2.0(4K@60Hz)	1
	Type C(OTG)	1
	USB 2.0(Android)Type-A	2
	USB 3.0(for Touch)Type B	1
	RS232	1
	MIC	1
	TF CARD	1

Output	HDMI 2.0(4K@60Hz)	1
	COAX SPDIF OUT	1
	EARPHONE	1
Built-in Camera	48M(Built-in 4K Camera)	
Array Microphone	YES(8 Array microphone)	
Built-in Speaker	15W*2	
Light Sensitivity	YES	
Temperature Monitor	YES	
Proximity Sensor	-	

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	

Android	
CPU Framework	A72*4+A53*4
CPU Processor Speed	2.2GHz
GPU	Mali-G52 MC3
RAM	8G
ROM	128G
Hotspot	IEEE 802.11 a/b/g/n/ac, IEEE 802.1x, WPA2, and station mode(2.4G/5G Dual-band)
Bluetooth	5.2
NFC	YES
WiFi	IEEE 802.11 a/b/g/n/ac/ax, IEEE 802.1x, WPA2, WiFi6 and station mode(2.4G/5G Dual-band)
OS Version	Android 16.0
Screen sharing	IQSHARE MATRIX
Device Management	DZ-MDM(Optional)

OPS (Optional)	
Chipset	Intel
CPU	Intel®Core i3/i5/i7
Memory	4GB/8GB/16GB
HDD	500GB/1TB
SSD(optional)	128GB/256GB/512GB
Pre-installed Software	IQCLASS ONE
Interfaces (Subject to model)	USB 2.0 x 2 USB 3.0 x 2 LAN x 1 HDMI x 1 LINE-OUT x 1 MIC-IN x 1

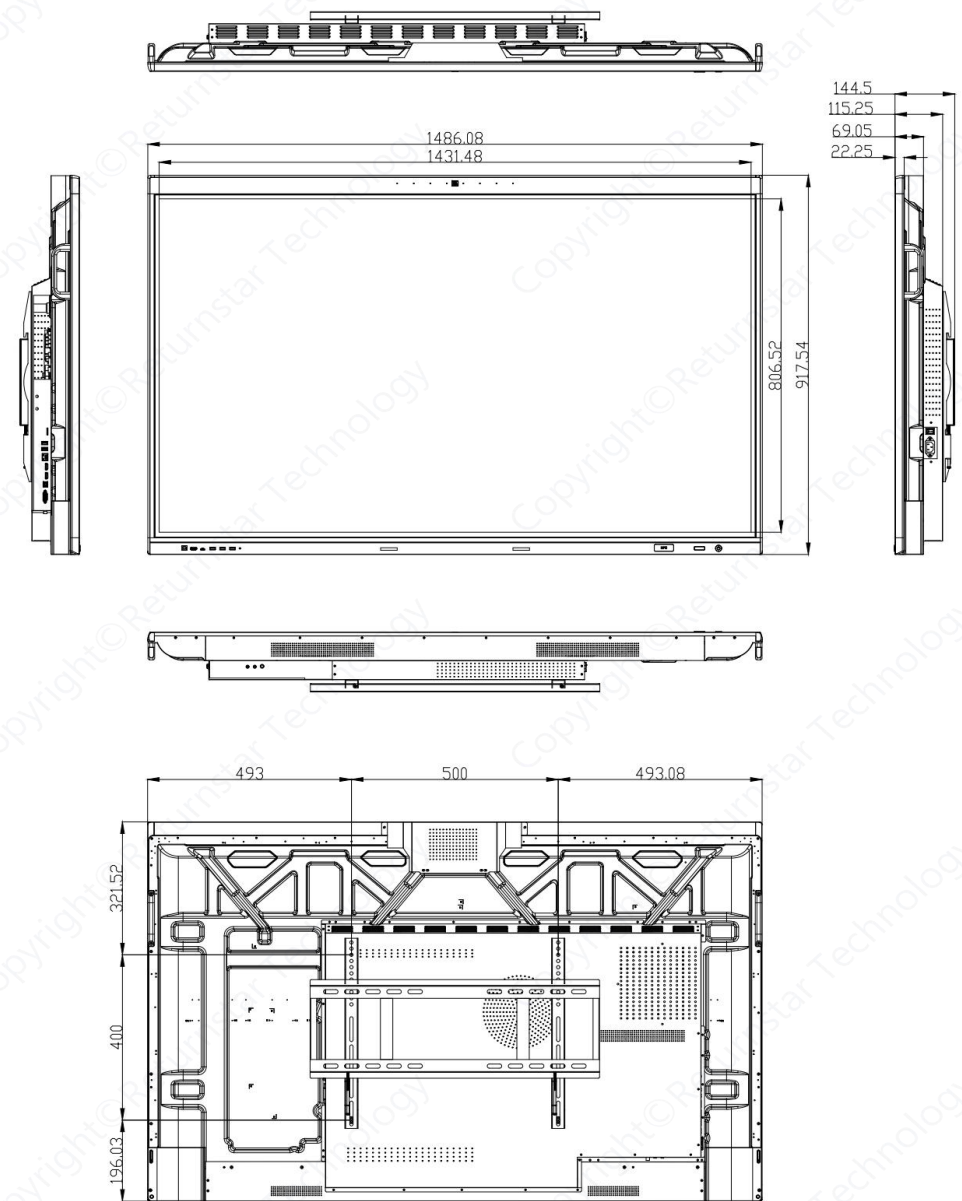
Power				
	LE065MD	LE075MD	LE086MD	LE098MD
Voltage	100V~240V AC 50/60Hz			
Maximum Power	≤350W		≤400W	≤750W
Standby Power	≤0.5W			

Physical				
	65"	75"	86"	98"
Net Weight (kg)	40±1.5	56±1.5	66±1.5	106±1.5
Gross Weight (kg)	46±1.5	70±1.5	81±1.5	121±1.5
Product Size (mm)(W*H*D)	1486*917*115	1708*1042*115	1954*1181*115	2217*1345.7*105
Packing Size (mm)(W*H*D)	1576*980*200	1800*1125*200	2044*1262*200	2306*1520*200
VESA Hole Position(mm)	4-M8 screw hole 500*400	4-M8 screw hole 600*400	4-M8 screw hole 800*400	4-M8 screw hole 1000*400
Language				
OSD	English, French, German, Russian, Japanese, Korean, Portuguese, Spanish, Italian, Arabic, Simplified Chinese, Traditional Chinese			

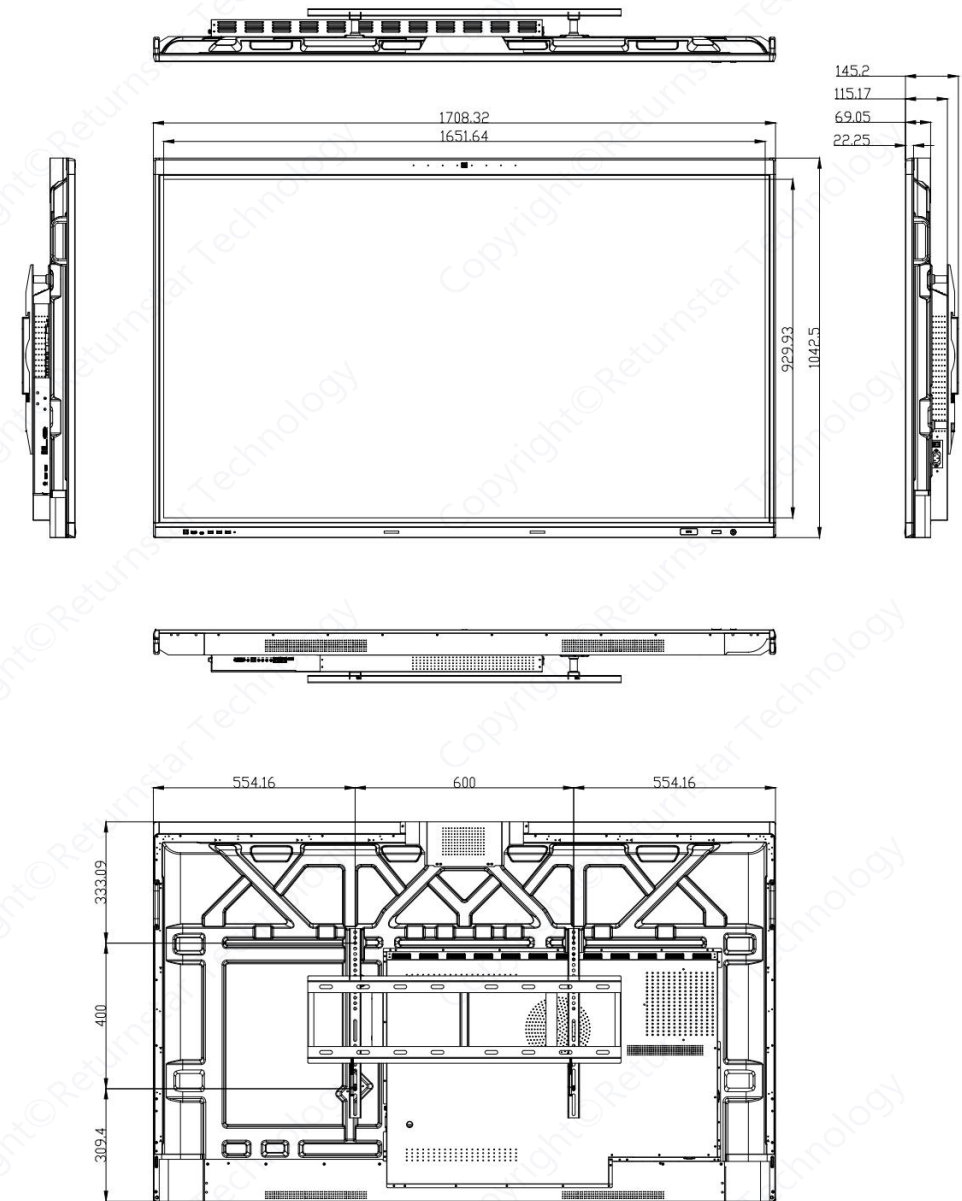
Accessories	
Power Cord	1
HDMI Cable	1
USB Cable	1
Remote Controller	1
NFC Card	1
Colorless Writing Pen	2
Wall Mounting Brackets	1
Certificate	
CE, FCC, ROHS, BIS, IEC, WEEEEE, Energy Star, CB, IECEE, TUV Low blue light, ERP	
Warranty	
Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information	

DIMENSION & WALLMOUNT

LE065MD

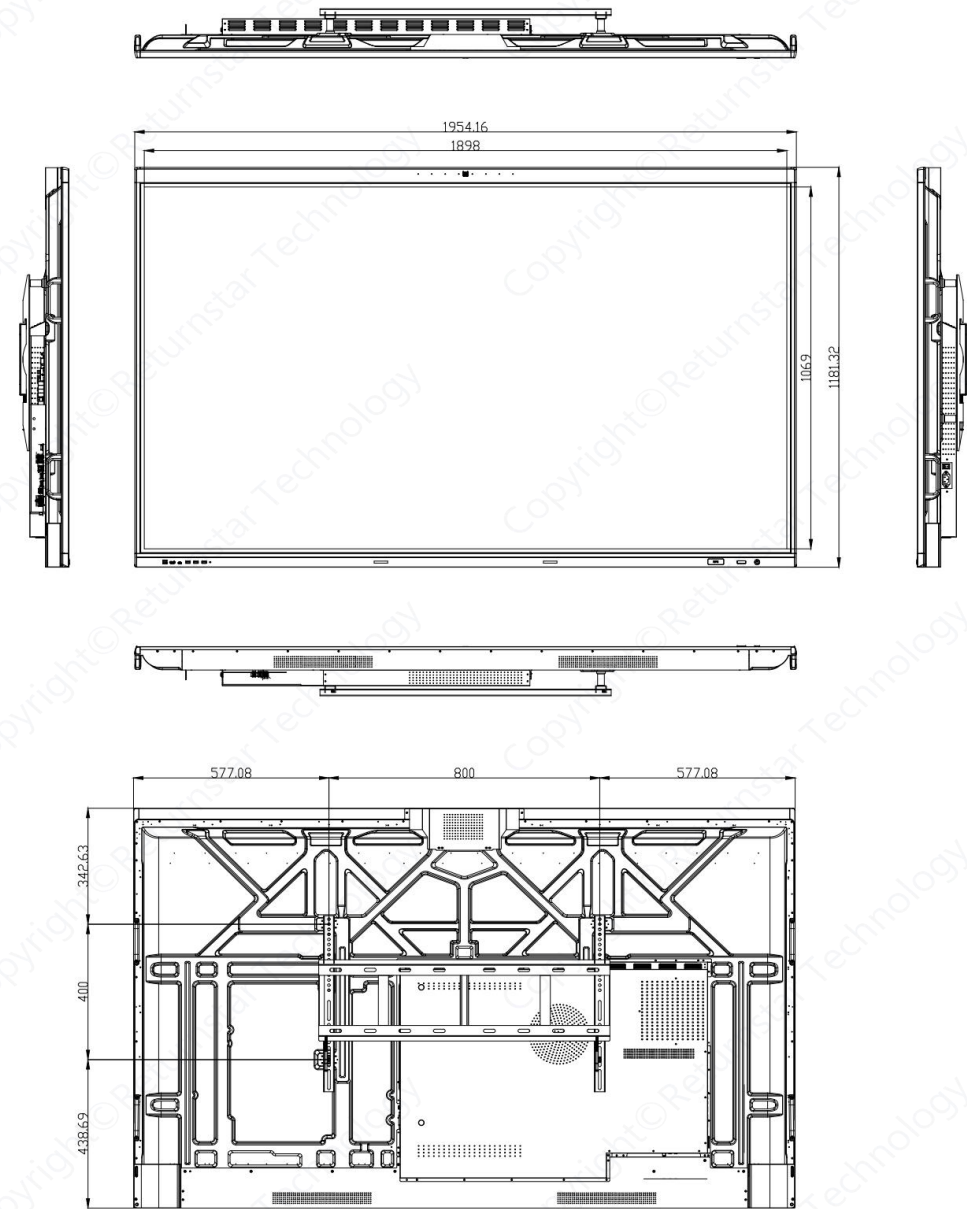


LE075MD

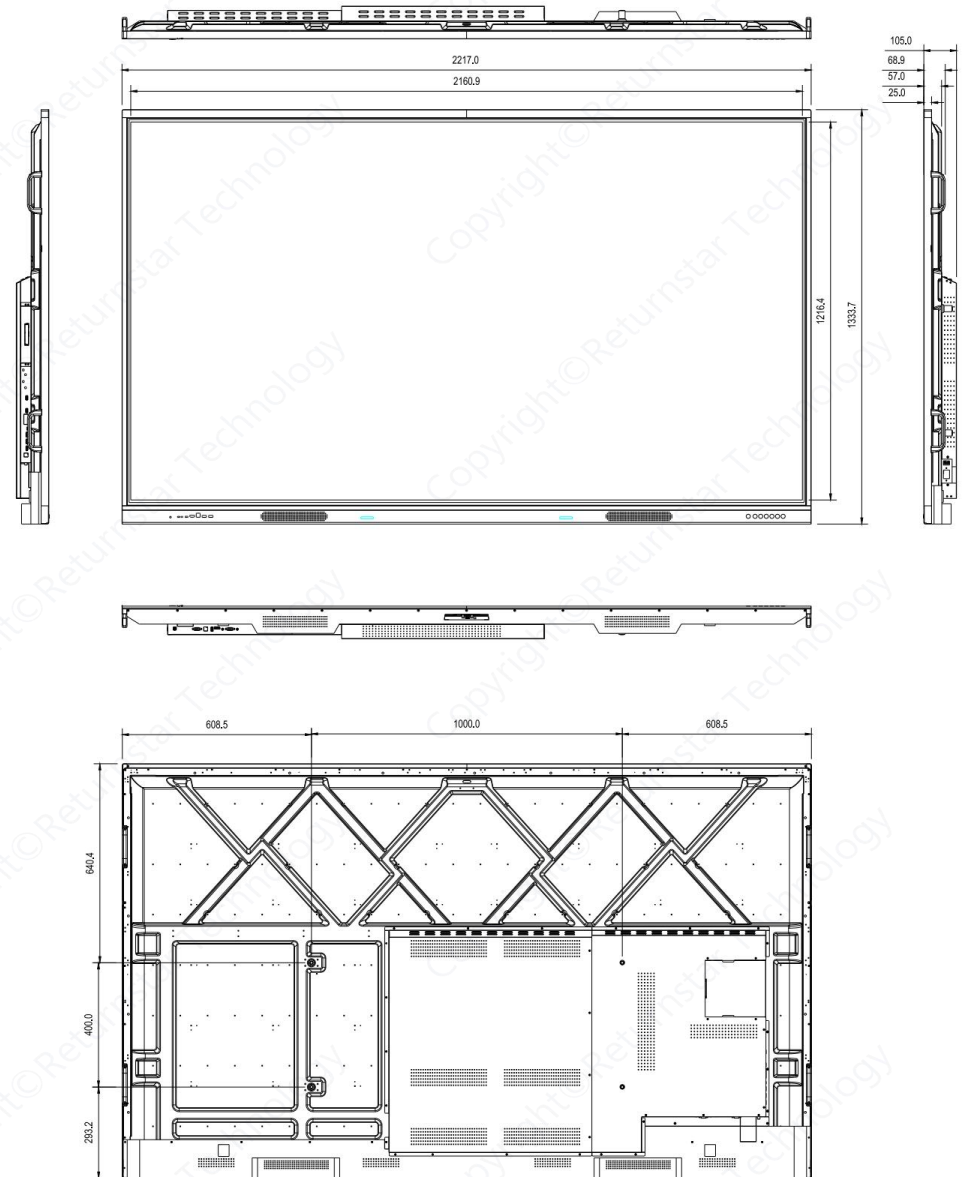


DIMENSION & WALLMOUNT

LE086MD

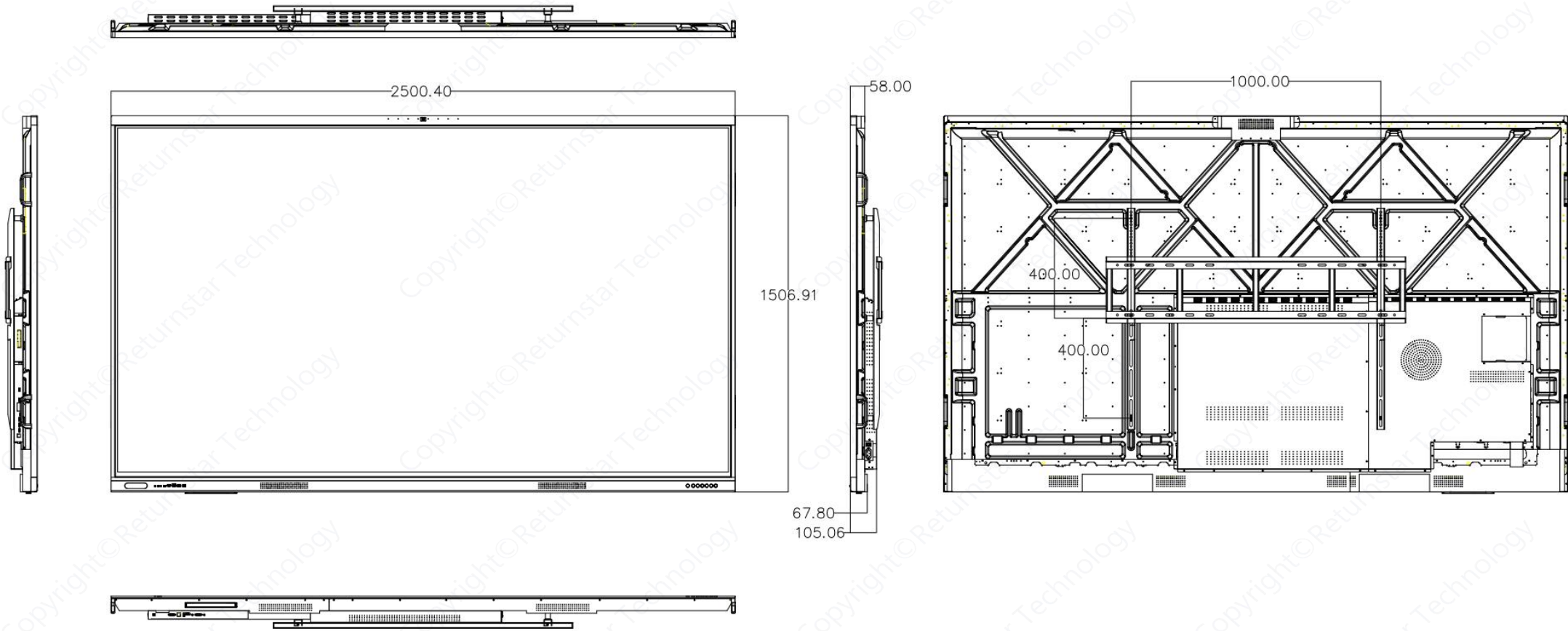


LE098MD



DIMENSION & WALLMOUNT

LE0110MD



IQTouch



Returnstar Interactive Technology Group CO., LTD.

📍 6th Bldg. High-Tech Base. Fuzhou Fujian Prov. China

🌐 IQBoard.net | Qnextech.com ☎ 0086-591-38202660

✉ IQBoard@IQBoard.net 📠 0086-591-38203003

