IQTouch HA1100 Pro 86"



Data Sheet

- **The advanced Android 11.0**
  Latest Android version on IFP, faster processing speed and more stable performance.

- **4K UHD display with optical bonding**
  Maximum viewing angle and clear image quality with higher readability.

- **High-precision IR touch writing technology**
  40-point touch&writing, 1.5mm writing height, 1mm minimum touch object.

- **Video Collaboration**
  Built in 4K pre-video AI camera and 8-array microphone for high-quality video conference.

- **Built-in periscope camera at the bottom of the frame**
  Capture document in great detail with 13MP resolution.

- **USB-C connectivity**
  Instantly connect your own device for hassle-free presentations via a single–cable solution for touch, audio, video, and 65W power.

IQTouch HA1100 Pro Specifications

Display

Model	LE065MD	LE075MD	LE086MD
Diagonal Size	65"	75"	86"
Contrast Ratio	4000:1	4000:1	5000:1
Brightness	450cd/m²		
Panel Type	TFT		
Backlight	New OD28-DLED		
Resolution	4K UHD (3840*2160)		
Aspect Ratio	16:9		
Response Rate	6m/s		
Refreshing Frequency	60Hz		
Viewing Angle	178° (H), 178° (V)		
Backlight Life Time	50,000 hrs		
Display Colors	10bit(1.07B)		
Glass	Optical Bonding with 2.5 mm cover AG&AF Glass		

Interactivity

Touch Technology	Infrared
Touch Point	40-point touch; 40-point writing under Windows; 20-point writing under Android;
Touch Resolution	32768 x 32768
Response Rate	<4ms(single touch) <6ms(max touch inputs)
Touch Accuracy	≤1mm
Recognition	Finger or passive stylus
Writing Height	1.5mm
Minimum Touch Object	1mm
Supported O.S.	HID Support & Win10/Win8/Win7/Mac OS/ Android/Chrome OS/Linux

Power

	65"	75"	86"
Voltage	100-240V, 50-60 Hz		
Maximum Power	≤350W	≤400W	≤450W
Standby Power	≤0.5W	≤0.5W	≤0.5W

Physical Specifications

	65"	75"	86"
Net Weight	40Kg±1 Kg	46Kg±1 Kg	57Kg±1 Kg
Gross Weight	47Kg±1 Kg	61Kg±1Kg	76Kg±1Kg
Product Size (mm) (W*D*H)	1513* 923*110	1735* 1047*112	1981* 1187*112
Packing Size (mm) (W*D*H)	1640* 1036*207	1859* 1160*227	2119* 1285*250
VESA Hole Position (mm)	4-M8 hole 600*400	4-M8 hole 800*400	4-M8 hole 800*400

Environmental

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

IQTouch HA1100 Pro Specifications

Connectivity

Front	Touch-USB	1
	HDMI IN 2.0	1
	USB3.0 (Android&PC)	1
	Type C (Data transfer, Video&Audio, Touch, Power 65W)	1
	MIC IN	1
Input	RJ45 10/100/1000MB (Support LAN Share)	1
	HDMI 2.0 (4K@60 fps)	2
	DP 1.2	1
	Touch-USB	3
	USB3.0 (Android&PC)	1
	USB3.0 (Android)	1
	RS232	1
	TYPE C (Data transfer, Video&Audio, Touch, Power 15W)	1
	Optional OPS input (4K@60 fps)	1
Output	HDMI 2.0 (4K@60 fps)	1
	Optical SPDIF	1
	AC	1
	RJ45 10/100/1000MB (Support LAN Share)	1
	EARPHONE	1
Hotspot	YES	
Bluetooth	5.2	
WiFi	IEEE 802.11 a/b/g/n/ac, IEEE 802.1x, WPA2, embedded (2.4G/5G Dual-band)	

Front Buttons

5 Button	Power, Custom, Menu, Back, Home

Other

Built-in Document Camera	13MP (4K) (At the bottom of the frame)
Built-in AI Camera	48MP (4K) HFOV 90°
Microphone	8-array 8 meters voice pickup range Technology: echo cancelation, beamforming, and noise reduction.
Built-in Speaker	Channel 2.1 20W*2+15W(Subwoofer)*1
Light Sensor	YES
Temperature Monitor	YES
IQ OS	YES

Language

OSD	English, Simplified Chinese, Traditional Chinese

Android

CPU Framework	Cortex-A73*4 + Cortex-A53*4
CPU Processor Speed	2.2GHz
GPU	Arm Mali-G52 MP8 (8EE)
RAM	8GB
ROM	64GB
OS Version	Android 11.0

IQTouch HA1100 Pro Specifications

OPS (Optional)

Chipset	Intel
CPU	Intel®Core i3/i5/i7
Memory	4GB/8GB/16GB
HDD	500GB/1TB
SSD(optional)	128GB/256GB/512GB

OPS Interfaces (Subject to model)

USB2.0	2
USB3.0	2
LAN	1
HDMI	1
LINE-OUT	1
MIC-IN	1