



# IQTouch TB1100 Pro

## (Gen 2 )



---

## Data Sheet

---

- **The advanced Android 11.0**  
Latest Android version on IFP, faster processing speed and more stable performance.
- **4K UHD display with zero bonding**  
Support for all-channel 4K UI display with high brightness and high contrast.
- **High-precision IR touch writing technology**  
Ultra fine touch technology ensures 20-point writing and 2mm minimum touch object.
- **Start a video conferencing right away**  
Integrated 4K AI camera, 8 microphone arrays and 2\*16W+20W (subwoofer) seam speakers.
- **NFC Access Control**  
Easily unlock the touch screen with simply a tap by NFC card.
- **Remote Device Management System**  
Give you full control of the interactive displays on unified platform.



## IQTouch TB1100 Pro (Gen 2) Specifications

### Display

Model	LE065MD	LE075MD	LE086MD
Diagonal Size	65"	75"	86"
Brightness	350cd/m <sup>2</sup>	400cd/m <sup>2</sup>	400cd/m <sup>2</sup>
Contrast Ratio	5000:1		
Panel Type	TFT		
Backlight	Direct LED (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	4mm Anti-Glare Tempered Glass with Zero Bonding (MOHS 7)		

### Interactivity

Touch Technology	Infrared
Touch Point	20-point touch/writing
Touch Resolution	32768 x 32768
Response Rate	<4ms(single touch) <6ms(max touch inputs)
Touch Accuracy	≤1mm
Recognition	Finger or passive stylus
Writing Height	3mm
Minimum Touch Object	2mm
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	≤250W	≤350W	≤450W
Standby Power	≤0.5W	≤0.5W	≤0.5W

### Physical Specifications

	65"	75"	86"
Net Weight	40Kg ± 1 Kg	56Kg ± 1 Kg	66Kg ± 1 Kg
Gross Weight	46Kg ± 1 Kg	70Kg ± 1Kg	81Kg ± 1Kg
Product Size (mm) (W*H*D)	1484* 920*87	1707* 1044*87	1953* 1184*87
Packing Size (mm) (W*H*D)	1630* 1050*220	1860* 1160*220	2120* 1325*220
VESA Hole Position (mm)	4-M8 hole 500*400	4-M8 hole 600*400	4-M8 hole 800*400

### Environmental

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



## Front Buttons

1 Button	POWER
----------	-------

## Connectivity

Front	USB 3.0 (Android&PC)	2	
	HDMI IN 2.0	1	
	Touch-USB	1	
	Type C (USB2.0, Touch, Video & Audio, 65W Power)	1	
Input	HDMI 2.0 (4K 60@fps)	2	
	DP 1.2	1	
	USB 2.0 (Android) Type A	1	
	USB 3.0 (Android&PC) Type A	2	
	USB 3.0 (For Touch) Type B	2	
	USB 3.0 Type C	1	
	VGA	1	
	Audio	1	
	RS232	1	
	RJ45 (10/100/1000MB & LAN Share)	1	
	Output	HDMI 2.0 (4K 60@fps)	1
		COAX SPDIF	1
RJ45 (10/100/1000MB & LAN Share)		1	
EARPHONE (3.5 mm Line Out)		1	
Bluetooth	5.0		
WiFi & Hotspot	IEEE 802.11 a/b/g/n/ac, IEEE 802.1x, WPA2, and station mode (2.4G/5G Dual-band)		
IQ OS	YES		
Light Sensor	YES		
Temperature Monitor	YES		

## Language

OSD	English, Chinese
-----	------------------

## Android

CPU Framework	Cortex-A73*4 + Cortex-A53*4
CPU Processor Speed	2.2GHz
GPU	Arm Mali-G52 MP8 (8EE)
RAM	8GB
ROM	128GB
OS Version	Android 11.0

## Others

NFC	YES
4K AI Camera	48MP (with Auto Framing & Voice Tracking)
Microphone	8-Array
Speakers	16W*2 + 20W (subwoofer)

## OPS (Optional)

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

## OPS Interfaces (Subject to model)

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

