

NCTS-TMX4 86"

Interactive Flat Panel Displays

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Function

- ◆ The distance between the tempered glass and the screen is close to 0, which preventing the reflection of light effectively, showing excellent effect and excellent writing experience.
- ◆ High accuracy touch screen, supporting 1 point 1.6mm precision writing and 6 points 2.8mm simultaneous writing.
- ◆ Writing height below 2mm to bring smoother writing experience.
- ◆ All-channel annotating, built-in Android writing software.
- ◆ Smart sidebar menu.
- ◆ Built-in Android system and optional with OPS computer module.
- ◆ Double LAN bridging, supporting Android, OPS (Windows system) and external PC realize network bridging.
- ◆ Public USB port auto switch.
- ◆ Antenna hidden inside.
- ◆ All channel can be same screen-outed by HDMI.
- ◆ Screen lock.
- ◆ Front Type-C port.
- ◆ 4K UI display.
- ◆ Built-in 4800W AI camera.
- ◆ Built-in 8-mic array.
- ◆ Built-in NFC module.
- ◆ AI (Optional)
- ◆ Pen picking detection, you can select the whiteboard or annotation function when picking the pen at startup.



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Technical Specifications

LCD Size	86"	WiFi standard	
Backlight Type	D-LED	Main Chipset	Mediatek MT7663BU
Resolution pixels	3840x2160(pixels)	Operating Frequency	2.4GHz/5GHz
Brightness	400cd/m ² (min.) / 450cd/m ² (typ.)	Wi-Fi Standard	802.11a/b/g/n/ac
Contrast Ratio	1200:1 (typ.)	Bluetooth	2.1+EDR/4.2/5.0
Response Time	8ms (typ.)	WiFi (Dual Wifi)	
Pixel Pitch (mm)	0.4935(H)x0.4935(V)		
Viewing Angle	178°(H) / 178°(V)	Main Chipset	Mediatek MT7663BU+Realtek RTL8822BU
Life Time	30,000 hrs (min.)	Operating Frequency	2.4GHz/5GHz
Color Gamut)(X% NTSC	72%(typ.)	Wifi standard	802.11a/b/g/n/ac
View Area(mm)	1895.04(H)x1065.96(V)	Bluetooth	2.1+EDR/4.2/5.0
Display Colors	1.07G(8bit+FRC)	Wi-Fi 6 Optional	
Chipset	RK3576	Main Chipset	AP6275P
Architecture	Cortex-A72+A53	Operating Frequency	2.4Ghz/5Ghz
Working Frequency	Max 2.2GHz	Wi-Fi Standard	IEEE 802.11a/b/g/n/ac/ax 2x2 MIMO
Core	4A72(Quad core A72+4 A53(Quad core A53)	Bluetooth	5.3
GPU	Mali - G52 MC3	Camera	
RAM	16GB	Pixels	48MP
ROM	256GB	FOV	DIAGONAL 114.9f
OS	Android 14	UVC	MJPEG: 3480*2160(30fps), 1920*1080(30fps) 1280*720(30fps)
Power Requirements	AC 100 V ~ 240 V, 50/60 Hz		
Power Consumption	460W	Microphone Quantity	8-MIC
Standby Condition	<0.5W	Pick up Area	8m (180°)
Audio Output Power	20W/4Ω	AEC	Support
OPS Power	DC 18V/5A	AGC	Support
HDMI IN	Max Resolution): 3840x2160@60Hz Version (HDMI 2.1 TMD5)	Speech enhancement	Support
DP IN	Max Resolution): 3840x2160@60Hz Version (DP1.2a)	Sensitivity	-35DBFS@1KHZ@94dB
Type-C	DFP Mode only PD65W Max Resolution 3840x2160@Hz Interface: USB Type-C	Output Signal	USB Output
POE	IEEE802.3af/at 54V/25W Power supply mode Support IEEE802.3af/at protocol, can output a maximum of 54V/25W power, in data transmission mode, only external microphone devices can be cascaded through network cables (optional) Interface: RJ-45	Sensing Type	Infrared Touch frame
LAN	10M/100M/1000Mbps Base-T) Interface: RJ-45	Surface Protection	3.2mm Toughened Glass
USB2.0_A	Support images, music, video file playback and Firmware Upgrade, Android system use only. (Interface): USB3.0 Type-A	Infrared Touch	40 Points
USB3.0_A	Smart follow interface, Support images, music, video file playback, Can not use for Firmware Upgrade. (Interface): USB3.0 Type-A	Interpolation Resolution	32768 x 32768
TOUCH	Touch port for HDMI and DP, Touch2 for HDMI2 (Interface): USB3.0 Type-B	Touch Accuracy	90%±1mm(±1mm)
MIC IN	Can mixing the MIC-IN and other input source for Audio-OUT and Speaker OUT (Interface): Ø3.5mm audio interface	Response Time	≤8ms
SPDIF OUT	Max speed): 16Mbps (Interface) Optional	Output Mode	HID Standard
RS232 IN	RS232 Input (Interface): DB9	Theory Clicks	Unlimited
HDMI OUT	MAX Resolution: 3840X2160@60Hz Version: HDMI 2.1 All signal can be loop-outed by HDMI OUT	Minimum Touch Object	(Single touch ≥1.6mm) Multiple touch ≥2mm)
Audio OUT	(L/R Output level): 1Vrms±10% @1Vrms 1kHz, Load 47KΩ (Can mixing the audio signal from MIC-IN with other sources for output) (Interface): Ø3.5mm audio interface	Connect Type	USB2.0 Full Speed
(front Interface)		Voltage	DC+5V±5%
Type-C x1	DRP Mode: USB3.0/DP1.2 Max Resolution: 3840x2160@60Hz Power: 65W Interface: USB Type-C	Power Consumption	≤2W
USB 3.0 X2	Interface: USB 3.0 Type-A	Windows 11/10/8/7/Android	Actual touch points depends on the system and software
NFC		Windows XPLinux, Mac	Apple computer can support multiple points after downloading the UPDD driver
Standard	ISO/IEC 14443 A / ASP/IEC 14443 B	OSX, Chrome	
Support card type	MIFARE Felica	Product Size(W x D x H)	1950.4mmx86.9mmx1174mm
Read-write distance	<30mm	Bezel Width U/D/L/R	U:35.2mm, L/R: 14.9mm, D:47.2mm
Read/write speed	106 to 424kbps	Package Size(W x D x H))	2095mmx185mmx1265mm
Read and write latency	<100ms	Housing Material	Aluminum/Metal plate
		Housing Color	Black&Blue Grey
		VESA	4-M8 Screw Hole 800mmx600mm