

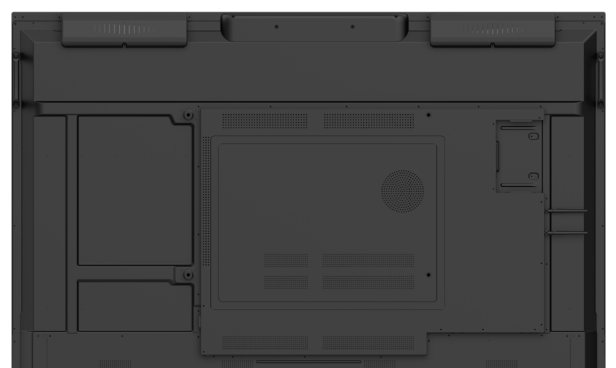
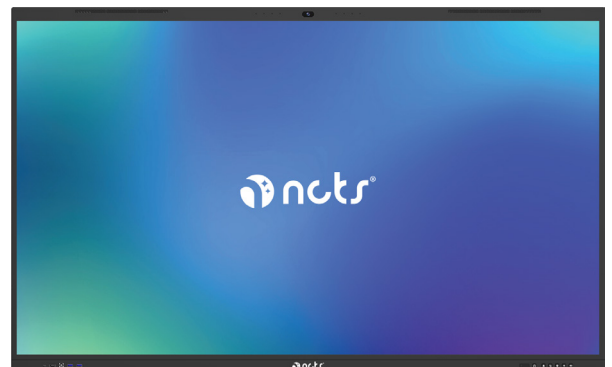
NCTS-TMX5 86"

Interactive Flat Panel Displays

NCTS-TMX5 86"

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 AI camera 5000W HD
- ◆ Built-in 8-mic array.
- ◆ AI Supported



Technical Specifications

LCD Size	86"	WIFI (Dual Wifi)	
Backlight Type	D-LED	Main Chipset	MT7663BU+Realtek RTL8822BU
Resolution pixels	3840 x 2160(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 (Optional)	
Pixel Pitch (mm)	0.4935(H)x0.4935(V)		
		Main Chipset	Mediatek MT7663BU
Viewing Angle	178°(H) / 178°(V)	Operating Frequency	2.4GHz/5GHz
Life Time	30,000 hrs (min.)	Wifi standard	802.11a/b/g/n/ac
Color Gamut)(X% NTSC	72%(typ.)	Bluetooth	2.1+EDR/4.2/5.0
View Area(mm)	1895.04(H)x1065.96(V)	Wi-Fi 6 Optional	
Display Colors	1.07G (8bit+FRC)	Main Chipset	AP6275P
Chipset	RK3576	Operating Frequency	2.4GHz/5GHz
Architecture	Cortex-A72+A53	Wi-Fi Standard	2T2R 802.11 a/b/g/n/ac/ax
Working Frequency	Max 2.2GHz	Bluetooth	5.3
Core	4A72 (Quad core A72+4 A53(Quad core A53)	Pixels	5000W
GPU	Mali - G610	FOV	D-FOV 136°
RAM	8GB	UVC	MJPG 8160x6120/3fps
ROM	128GB		MJPG 4160x3120/10fps
OS	Android 14		MJPG 4000x3000/10fps
Power Requirements	AC 100 V ~ 240 V, 50/60 Hz		MJPG 3840x2160/25fps
Power Consumption	450W		MJPG 2592x1944/15fps
Without OPS			MJPG 1920x1080/25fps
Standby Condition	<0.5W		MJPG 1600x1200/15fps
Audio Output Power	20W/4Ω		MJPG 1280x720/25fps
OPS Power	DC 18V/5A		MJPG 1024x768/15fps
HDMI IN	Max Resolution): 3840x2160@60Hz Version (HDMI 2.1 TMD5)		MJPG 1024x576/15fps
DP IN	Max Resolution): 3840x2160@60Hz Version (DP1.2a)		MJPG 800x600/15fps
Type-C	DFP Mode only PD 65W Max Resolution 3840x2160@Hz Interface: USB Type-C		MJPG 640x480/15fps
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		MJPG 320x240/15fps
LAN	10M/100M/1000Mbps Base-T) Interface: RJ-45	Microphone Quantity	8-MIC
USB2.0_A	Support images, music, video file playback, and Firmware Upgrade, Android system use only. (Interface): USB3.0 Type-A	Pick up Area	8m (Angle: 45°~135°)
USB3.0_A	Smart follow interface, Support images, music, video file playback, Can not use for Firmware Upgrade. (Interface): USB3.0 Type-A	ANR	Support
TOUCH	Touch port for HDMI and DP, Touch2 for HDMI2 (Interface): USB3.0 Type-B	AGC	Support
MIC IN	Can mixing the MIC-IN and other input source for Audio-OUT and Speaker OUT Interface): Ø3.5mm audio interface	Signal to Noise Ratio	68dBA @1KHZ@94dB
SPDIF OUT	Max speed): 16Mbps (Interface) Optional	Sensitivity	-35DBFS@1KHZ@94dB
RS232 IN	RS232 Input (interface): DB9	Output Signal	USB Output
HDMI OUT	MAX Resolution: 3840x2160@60Hz	Sensing Type	Infrared Touch frame
	Version: HDMI 2.1 All signal can be loop-outed by HDMI OUT (L/R Output level): 1Vrms±10% @1Vrms 1kHz, Load 47KΩ	Surface Protection	3.2mm Toughened Glass
Audio OUT	(Can mixing the audio signal from MIC-IN with other sources for output) (Interface): Ø3.5mm audio interface	Infrared Touch	40 Points
		Interpolation Resolution	32768 x 32768
(front Interface)		Touch Accuracy	90%±1mm(±1mm)
TF CARD	Micro SD card socket	Response Time	≤5ms
USB 3.0 X2	Interface: USB 3.0 Type-A	Output Mode	HID Standard
Touch-USB 3.0	Interface type): USB3.0 Type-B	Theory Clicks	Unlimited
HDMI IN	(Max Resolution): 3840x2160@60Hz (Version): HDMI 2.1(TMD5)	Minimum Touch Object	(Single touch ≥3.0mm)
Type-C	(DRP Mode): USB3.0/DP1.2 / (Chargeing power): Up to 65W (Interface type): USB Type-C		Multiple touch ≥3.0mm)
		Connect Type	Dual USB2.0 output
		Voltage	DC+5V±5%
		Power Consumption	≤2.5W
		Windows 11/10/8/7, Android	Multiple Touch
		Windows XPLinux, Mac	
		OSX, Chrome	Apple computer can support multiple points after downloading the UPDD driver
		Product Size(W x D x H)	1950.4mm x 87.4mm x 117.4mm
		Bezel Width U/D/L/R	U:35.1mm, L/R:14.8mm, D:47.1mm
		Package Size(W x D x H))	2095mm x 185mm x 1265mm
		Housing Material	Aluminum / Metal plate
		Housing Color	Black & Blue Grey
		VESA	4-M8 Screw Hole 800mm x 600mm