

NIOTEK

86" EDUCATIONAL SERIES



EDUCATIONAL SERIES INTERACTIVE PANELS

The EDLA Certified
Interactive Panel Series.



IMPROVED DEVICE MANAGEMENT



2.2 SOUND CHANNEL WITH TOP
MOUNTED SPEAKERS



USB-C CABLE (AUDIO, VIDEO,
TOUCH, AND POWER)



COLLABORATION SOFTWARE
INCLUDED



INCLUDED WIFI MODULE



PRE-INSTALLED BRACKETS



PANEL AUDIO	
Speaker Type	Built-in speakers on top front
Output Power	2 × 8W (speakers) + 2 × 18W (subwoofers)
Sound Channel	2.2
Sound Pressure Level	85dB
Peak Power	2 × 108W
Microphone	8 array up to 32.8 ft distance

PANEL CONNECTIONS	
HDMI Input	3
HDMI Output	1
USB 2.0	1
USB 3.0	4 Front ×2, Rear ×2
USB Type-C Input	3; Front & Side PC input (video, audio, touch, LAN transfer) Top input camera only
USB Type-C Output	1
Touch 2.0	2
Display Port Input	1
Audio Input	3.5 mm
Audio Output	3.5 mm
SPDIF	1
RS232	1
RJ45 Input/Output	1 each

PANEL INTERACTIVITY	
Sensing Type	Hybrid Touch (infrared + elastic wave)
Compatibility	Windows11/Windows10/Windows8/ Windows7/WindowsXP/Linux/ MacOSX/Android/Chrome
Touch Point	16 points touch (Android) 40 points touch (Windows)
Minimum Object Size	2 mm
Touch Tool	Finger, passive infrared pen
Response Time	≤10 ms
Accuracy	±1 mm
Surface Hardness	3mm glass with 9H rating of Mohs standard

PANEL OPERATING SYSTEM	
System Version	Android 13
CPU	A76 × 4 + A55 × 4
GPU	Mali-G610 MP4
RAM	8GB
ROM	128GB

PANEL AMBIENT	
Operation Temperature	32°F – 104°F
Operation Humidity	10% – 90% RH
Storage Temperature	-4°F – 140°F
Storage Humidity	10% – 90% RH
Altitude	Below 16404 ft

POWER	
Power Requirements	100-240V ~ 50/60Hz 6.0A
Standby Power	≤0.5W
Standard Power	265W
Max Power Including internal PC	485W

PHYSICAL SPECIFICATION	
Key Location & Number	Front physical keys, 1
Dimension L*H*D*	77.05" × 46.1" × 3.9"
Dimension (package) L*W*H	83.1" × 10" × 50.83"
Net Weight	141.3 lbs
Gross Weight	183.3 lbs
Machine + Wall Mount Thickness	5.7"
Wall-hanging Screw Spec	M8 × 25 mm
VESA	800 × 600 mm

WIFI MODULE (INCLUDED)	
Bluetooth 5.2, Wifi Standard: 802.11 a/b/g/n/ac/ax, no antennas	

ACCESSORIES	
Indian Standard power cord, USB Touch cable (Type A-B), USB Type-C cable, HDMI cable, remote control, writing pens (2), USB Dust plug, AAA batteries (2), Quick Start Guide	

PC MODULE (OPTIONAL)	
Type	Detachable PC module
Model	CTI-PCOPS-PC15-SM
CPU	Intel® Core™ i5 10400T CPU
RAM	DDR4 16GB
SSD	1 × M. 2-2280 SSD NVMe 256GB
Graphics	Intel® UHD Graphics 630
Chipset	Intel® Comet Lake; H510
Sound Card	Integrated High Definition Audio Stereo
Networking Ethernet	10/100/1000MB
WiFi Version	802.11ax
WiFi Frequency	2GHz - 3.6GHz
WiFi Working Distance	0 ~ 147.6 ft 0 ~ 295.3 ft
Bluetooth Version	Bluetooth 2.1; 3.0; 4.0; 5.0
Bluetooth Working Frequency	2.4GHz
Bluetooth Working Distance	0 ~ 32.8 ft
Operating System	Not included
Earphone Output	1
USB 2.0 3.0	4
Microphone Input	1
LAN(RJ45)	1
Display Port Output	1
VGA Output	1
HDMI Output	1

Note: Size and weight vary by configuration and manufacturing process, please refer to the actual product. The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product. The description, illustrations, etc. in this document may be subject to change in accordance with the latest product specification and performance. Should the above-mentioned change in the document become necessary, the document may be updated without written notice.