



**Zenty | Professional A/V Solution Provider**

## Product Specifications



**86" 4K Smart Board with Android 11**  
ZT-280 | ZT-TC86B

ZENTY ®

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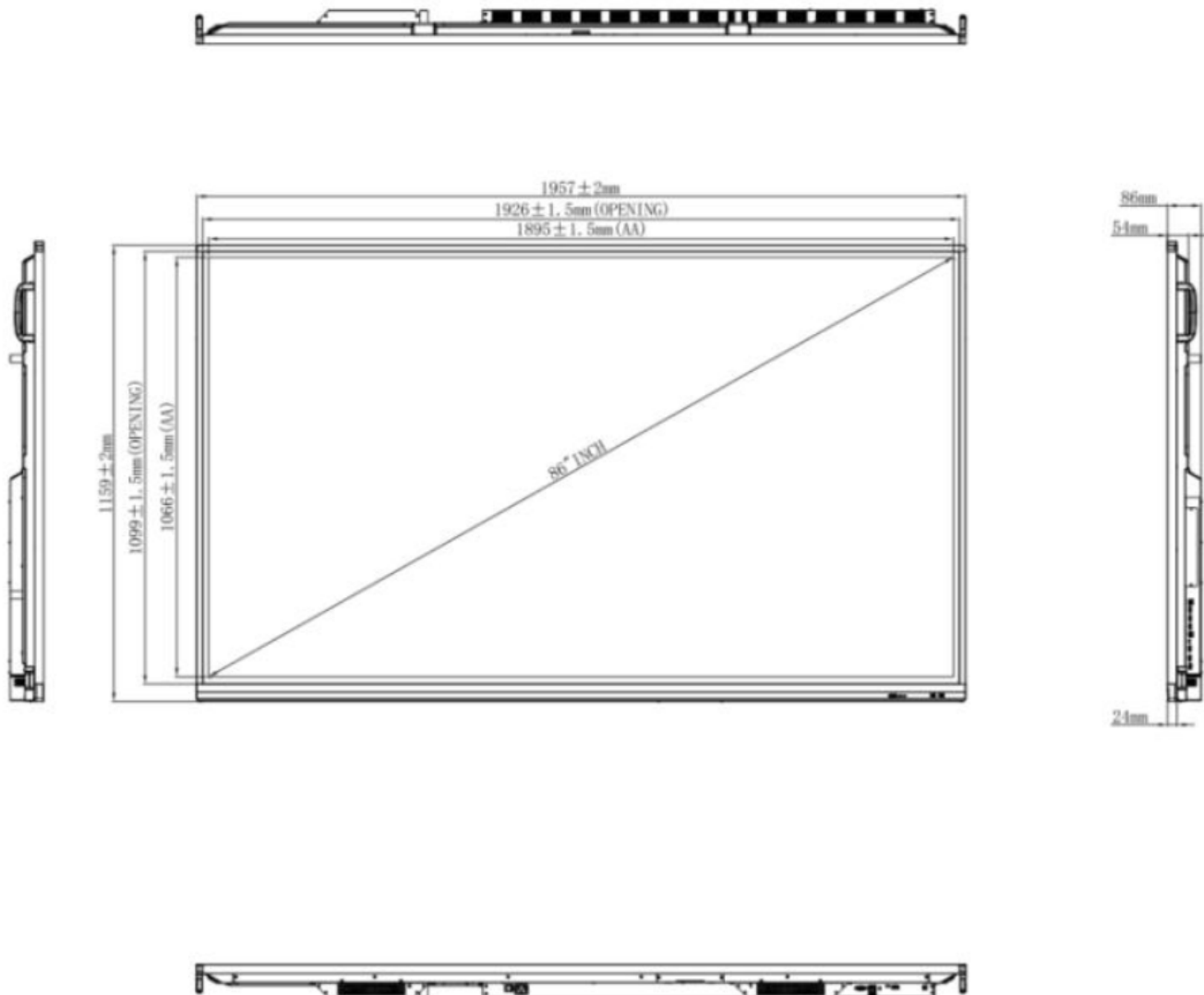
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## Product Features:

- Front – 2 x USB 3.0 ports
- Front – 1 x physical key
- Bottom loudspeaker
- 4K Ultra-HD display
- IR touch technology
- Glass 3mm, pencil 9H hardness
- Compatible with detachable OPS module and wireless module
- Simultaneous dual pen & dual color writing

## Dimensions:





## Display:

Size	86"
Panel Type	ADS
Response Time	12ms
Aspect Ratio	16:9
Display Area	1895.04mm (H) x 1065.96mm (V) 74.61" (H) x 41.97" (V)
Pixel Pitch	0.494mm x 0.494mm 0.02" x 0.02"
Resolution	3840 x 2160
Refreshing Frequency	60Hz
Display Color	1.07B (10-bit)
NTSC	72%
Contrast Ratio	4000:1

Viewing Angle	178° (H/V)
Back Light Unit	DLED
Brightness with glass (min)	300cd/m2
Brightness with glass (typ)	350cd/m2
Life Time	≥30000 Hours

## Operating System:

System Version	Android 11.0
RAM	4G / 8G (optional)
ROM	32G / 64G (optional)
COU	A73 x 4+A53x4
GPU	Mali-G52 MP8

## Touch System:

Sensing Type	Infrared technology
Touch Tool	Passive infrared pen
Accuracy	±1mm
Touch Point	Android: 32 points touch OPS: 40 points touch
Minimum Object Size	2mm
Writing Height	≥1mm
Interpolation Resolution	32768 (W) x 32768 (D)
Response Time	≥5ms
System	Windows XP / Windows 7 / Windows 8 / Windows 10 / Android / Linux / Mac OS X / Chrome

## Audio:

Sound Channel	2.0
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Speaker	2 x 20W
Sound Pressure Level	84dB
Peak Power	54W

## Power:

Power Requirements	100-240V ~ 50/60Hz 4.5A
Typical Power* [1]	310W
Max Power* [2] (W/OPS)	525W
Standby Power	≥0.5W

## I/O Port:

HDMI In	3   Up to 4K60Hz, HDCP 2.1, CEC, ARC (HDMI 1)
HDMI Out	1   Up to 4K60Hz
USB 2.0	1   For system upgrades
USB 3.0	4   Front x 2, Rear x 2. All USB 3.0 can auto switch to current channel
USB Type-C	1   Video, Audio, Touch, PD 65W, LAN Network Sharing
Touch 2.0	2   2.0
Audio Out	1   3.5mm phone jack
SPDIF	1   PCM output format
RS232	1   Baud rate 9600
RJ45 In	1   10M / 100M / 1000Mbps
RJ45 Out	1   10M / 100M / 1000Mbps
TF Card	1   Supports Max: 128Gb

## Physical Specifications:

Dimensions (L x H x D)	1957mm x 1159mm x 86mm 77.05" x 45.63" x 3.39"
Package Dimensions (L x H x D)	2110mm x 225mm x 1283mm 83.07" x 8.86" x 50.51"
Thickness of Machine and Wall-mount	116mm (WBIB9060G)   4.57"
Wall-hanging Screw Spec	M8 x 25mm
VESA	800 x 600mm
Net Weight	64.60kg   142.42lbs
Gross Weight	82.85kg   182.65lbs

## Accessories:

Power Cord	1
HDMI Cable	1
USB Touch Cable (Type A-B)	1
Remote Control	1
Writing Pen	2

## Environmental Conditions:

Operation Temperature	0°C~40°C   32°F~104°F
Operation Humidity	10%~90%RH
Storage Temperature	-20°C~60°C   -4°F~140°F
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters

## Optional Modules:

PC Module	OPS62A/OPS42A
Wireless Module	SI07B

## Statement:

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, color, size, etc. from the actual product.

The description, illustrations etc. in this document may subject to change in accordance with the latest product specifications and performance.

Should the above-mentioned change in the document becomes necessary, the document may be updated without written notice.

## Notes:

\*[1]: Without OPS, after the unit is restored to factory settings, it starts up without any setting and the port is not loaded.

\*[2]: With OPS, OPS plays the color bar signal and runs the burning text.  
Port fully loaded, user menu: Volume 100% | Backlight 100% | Brightness Contrast 100%



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