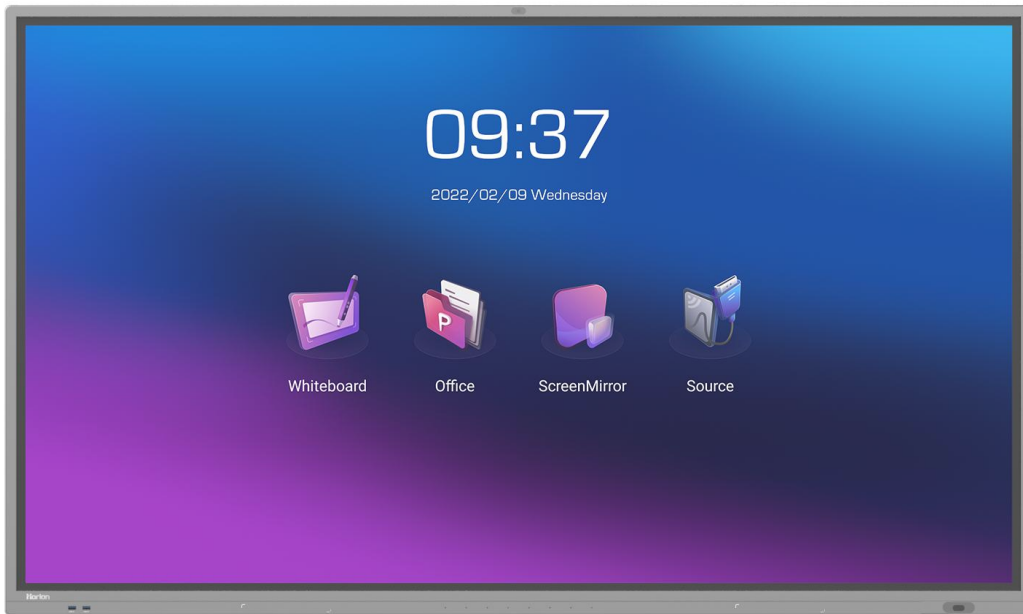


Specification of interactive flat panel



Product categories: Interactive flat panel

Product model: E55APro

Date: 2022.4

1. Product characteristics

1.1 System properties

- Equipped with Android 8.0 Smart OS and a unique user interface design;
- 3GB internal cache + 64GB internal storage, for faster operating speeds.

1.2 Exterior and smart touch

- Gun-color business appearance, four-corner arc design, safe and reliable;
- front USB interface that can be shared by dual systems, convenient operation;
- There are 2 USB ports available in the front of board which support dual operating system, which is convenient to operate;
- The distance between the tempered glass and the screen is close to 0, which can effectively prevent light reflection, the display effect and the writing experience are excellent;
- High-precision infrared touch frame, touch accuracy $\pm 1\text{mm}$, touch height 2.0mm, high sensitivity;
- With OPS interface, it can expand dual system; dual network port design can realize switch function.

1.3 Whiteboard writing

- Support single-point and multi-point writing, writing with a pen tip, adding colored pen effects, etc., any channel and any interface can be annotated;
- Adopt 3.2mm AG anti-glare tempered glass, Mohs hardness level 7, better writing experience.

1.4 Conference & Training

- Built-in 13 Megapixel camera and 8-channel array microphone, making remote meetings more convenient and efficient;
- Built-in 2.4G/5.8G dual-band dual-network card, supports simultaneous use of wireless Internet access and WIFI hotspot, and the antenna adopts a front hidden design;
- Bluetooth function, which can wirelessly connect to Bluetooth devices such as mobile phones/stereos to transmit data; and supports wireless connection with printing devices for printing.

1.5 Commercial display

- High-definition image processing engine: image motion compensation, color enhancement processing, point-to-point precision display technology;
- Horion conference central management to meet the needs of different scenarios.

2. Main specification parameters

2.1 Specification overview

Display	
Certification	E55APro
Size	54.64"
Backlight type	D-LED
Brand	3840*2160 (RGB)
Brightness	300cd/m ²
Contrast ratio	1300:1
Response time	8ms
Pixel pitch	0.315mm*0.315mm
Refreshing frequency	60Hz
Viewing angle	178°(H) / 178°(V)
Color gamut(x% NTSC)	68%
View area	1209.6mm*680.4mm
Display colors	1.07B(10bit+FRC)
Life time	30,000 hrs
System	
Solution	MSD8386
Operation system	Android 8.0
CPU architecture	ARM A73+A53
CPU working frequency	1.5GHz
CPU core	Quad Core
GPU	Mali-G51
RAM	3GB
ROM	64GB
Power	



Voltage	100 V ~ 240 V/AC, 50/60 Hz
Power consumption without OPS	220W
OPS power	19V(DC)/5A
Power consumption in standby mode	<0.5W
Power (AC) input	*1
Camera	
Pixel	13M
FOV	DIAGONAL 78°
Focus form	Fixed focus
Array Mic	
MIC category	8pcs omnidirectional silicon wheat
Pick-up distance	8m
Pick-up angle	180°
Function	
Audio output power	10W * 2
WIFI	Support
Bluetooth	Support
Interface	
HDMI In	*2
DP In	*1
VGA In	*1
OPS (Optional)	*1
LAN	*2
Android USB	*2
Public USB	*2
Touch-USB	*1
PC-Audio In	*1



S/PDIF Out	*1
Audio Out	*1
RS232 In	*1
Environment	
Working temperature	0°C ~ 40°C
Storage temperature	-10°C ~ 60°C
Working humidity	20% ~ 80%
Storage humidity	10% ~ 80%
The longest service time(Hour*day)	18Hours*7days
Structure	
Net weight	33.15kg±1.5kg
Gross weight	41.15kg±1.5kg
Product size (W*D*H)	1289mm*93mm*784mm
Package size (W*D*H)	1420mm*220mm*870mm
VESA	4*M8 Screw Hole 600mm*400mm
Housing material (Surface frame /Back cover)	Aluminum/Sheet metal
Housing color (Surface frame /Back cover)	Deep gun/Black
Accessories	
Pen	*2
Remote control	*1
Expansion screw	*8
User manual	*1
Certificate of	*1



quality/Warranty card	
HDMI cable	*1
Touch cable	*1
Power cord	*1

2.2 The Interface distribution

- The right side of the back: SPDIF\Touch-USB\USB2.0 \USB2.0 \DP\HDMI2\HDMI1;
- The right lower side of the back :LAN1\LAN2\RS232\Audio OUT\ PC-Audio\VGA;
- The left side of the front: Public-USB\Public-USB.

3.Touch frame specifications

3.1 Product overview

- High precision of infrared touch frame, resolution by interpolation algorithm can be as high as 32767 x32767;
- Support plug and play;
- Support 20 points infrared touch.

3.2 Main specification parameters

Touch system	Sensing type	Infrared touch frame
	Surface protection	3.2mm AG toughened glass
	Response Time	<8ms
	Touch accuracy	More than 90% of the touch area of plus or minus 1mm
	Minimum touch diameter	≥1.6mm(Single-point); ≥2mm(Multipoint)
	Input mode	Finger or pen
	Output form	HID standard
	Theory clicks	Unlimited

3.3 Electrical specification

Interface type	USB2.0 at full speed
Working voltage	DC+5V±5%
Power consumption	≤2W

3.4 Operating system and software



Multi-touch supported operating system	Multi-touch: Windows 7/8/10、Android、Linux Single-touch: Windows XP、Mac OS X、Chrome
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