

P55BA-BFR**55”****IR Interactive Flat Panel Display****Key Features**

- UHD Resolution with 350nits
- Zero Bonding Technology
- Android 13.0 with 2.2 GHz Frequency
- 8G for RAM and 128G for ROM
- Both HDMI in and HDMI out Supports 2.1 Standard
- 4K UI for All the System Page
- Built-in Camera and Microphone
- Multi-Screen Interactive and Sharing
- One Drive and Google Drive Compatible in Whiteboard APK
- OTA Upgrade Supported
- OPS Slot Available

Record of Revision

Version	Date	Description of Changes	Author
1.0.0	2024.12.20	Initial Release	Spencer Wang
1.0.1	2025.5.12	Accessories List Added	Spencer Wang

Specification

Display	
Model	P55BA-BFR
Screen Size (Diagonal)	55 inch
Display Size	1209.6(W) × 680.4(H)mm
Native Resolution	3840 × 2160
Aspect Ratio	16 : 9
Brightness	350 cd/m ²
Contrast	1200:1
View Angle	178°(H) / 178°(V)
Display Color	1.07B (10bit)
Response Time	8ms
Life Time (Light Source)	30,000 hrs

Internal Player	
O/S	Android 13
CPU	ARM Octa Core (A73*4 + A53*4), 2.28GHz
GPU	ARM Octa Core Mali-G52
RAM/ROM	8G DDR4 / 128G EMMC
Input	<p>Rear: HDMI*2(4K@60Hz), USB2.0*1,USB3.0*2(OPS/Android access automatically), TOUCH USB*2, TF Card*1, RS232*1, RJ45*1, MIC*1 Type-C*1(supports USB/touch/image/video 4K@60Hz/Quick Charge DP*1(4K@60Hz), VGA/Audio*1</p> <p>Front: TYPE-C*1 (support USB/touch/image/video 4K@60Hz/Charge) HDMI*1(4K@60Hz), TOUCH USB x1, USB3.0*3(OPS/Android/External PC access automatically, support OPS/Android3.0, External PC 2.0)</p>
Output	HDMI OUT*1(4K@60Hz), SPDIF*1, Earphone*1, RJ45 OUT*1
Front Connection	Power Source Menu Vol+ Vol- Rec A.Blue PC ES Ratio Home
Wi-Fi	Dual Wi-Fi Card : WIFI 6+Bluetooth(5.0) + WIFI 5G
Built-In Speaker	2x15W(8Ω)
Built-In Camera / Microphone	13M Pixels / 8-Array microphone support for acoustic echo cancellation

Specification

IR Touch

Touch Points	20
Response Time	<5ms
Touch Accuracy	<1mm
Tempered Glass	3mm with AG Coating
Input Mode	Finger / Opaque objects
Cursor Speed	180dot/s
Transmission Connector	USB 2.0/3.0
Operating System	Windows/Linux/Mac/Android

Power

Power Supply	AC100-240V~ 50/60Hz
Power Consumption	< 150W
Stand By	< 1W

Environment Condition

Operation Temperature	0°C- 45°C
Operation Humidity	10% - 90%RH
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10% - 90%RH

Physical

Dimension	1260.2(W) × 798.3(H) × 81.5(D) mm
Net Weight	35kg
Wall Mount Size	400 × 400mm
Package Dimension	1385(W) × 920(H) × 194(D) mm
Gross Weight	49kg

Accessories	Magnetic Touch Pen*2, HDMI Cable*1, USB-B Touch Cable*1 Remote Controller*1, Wall Mounted Bracket*1
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Specification

Industrial Design



Dimension Drawing

Unit: mm

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