

# Advanced 55" Ultra HD ViewBoard® Interactive Flat Panel



IFP5550



The ViewBoard® IFP5550 is an 55" 4K (3840 x 2160) interactive flat panel display with an open platform design and excellent collaborative capabilities. ViewBoard®'s user experience is highlighted by its intuitive two-finger Floating Pen and exclusive one-touch to Google Drive/OneDrive Save features, which stand out above all else by placing the board's controls at your fingertips. With open collaboration in mind, ViewBoard® is fit for integration into Google-based environments, offers seamless Windows compatibility, and comes equipped with Mac multi-touch gesture mirroring. Powered by optional Oktopus software, ViewBoard® IFP5550 supports .iwb and .notebook file formats and accesses to 10,000+ ready-to-use lessons on-line. Pairing ViewBoard® IFP5550's 20-point touch display with pre-installed tools, such as vBoard for annotation, ViewBoard® Cast for content sharing, and Zoom conference software, allows multiple users to remotely write, share, and interact simultaneously as if they were in the same room. With its built-in Quad Core processor and internal storage, ViewBoard® IFP5550's computing capabilities are powerful enough to support an array of multimedia applications. The optional slot-in PC with Windows 10 OS offers users specialized annotation software ViewBoard 2.1 for more dynamic interactivity functions. Supporting DisplayPort 4K input, HDMI-out, as well as shared USB and LAN ports for the embedded player and optional PC makes it flexible enough to fit a wide range of user scenarios. Its versatile connectivity provides users with hassle-free connection to a multitude of devices and a VESA-compatible design allows for placement on a wall mount or trolley for flexible installation anywhere, no matter the occasion.

- 3840 x 2160 4K resolution
- 20-point touch capability
- Floating Pen - Annotation on Demand
- ViewBoard 2.1 Annotation Software
- Built-in ARM Quad-core CPU with 16GB Storage

- Out-of-Box Collaboration

## **4K Resolution with Eye-Care Technology *4K, Flicker-Free, Blue Light Filter***

With four-times the resolution of Full HD, ViewBoard®'s Ultra HD 3840 x 2160 display delivers breathtaking visuals. 4K DisplayPort input is also supported for external sources. Flicker-Free technology and a Blue Light Filter come standard to help to eliminate eye strain from extended viewing periods.



## **20-Point Touch *Multi-user annotation***

ViewBoard® allows multiple users to annotate on the slim display simultaneously, increasing engagement and encouraging group collaboration.



## ***Floating Pen Annotation on demand***

Two-finger touch activates ViewBoard's Floating Pen that allows for easy annotation on everything from powerpoint files, to text docs, USB files, internal memory, or even on images from a connected input source.



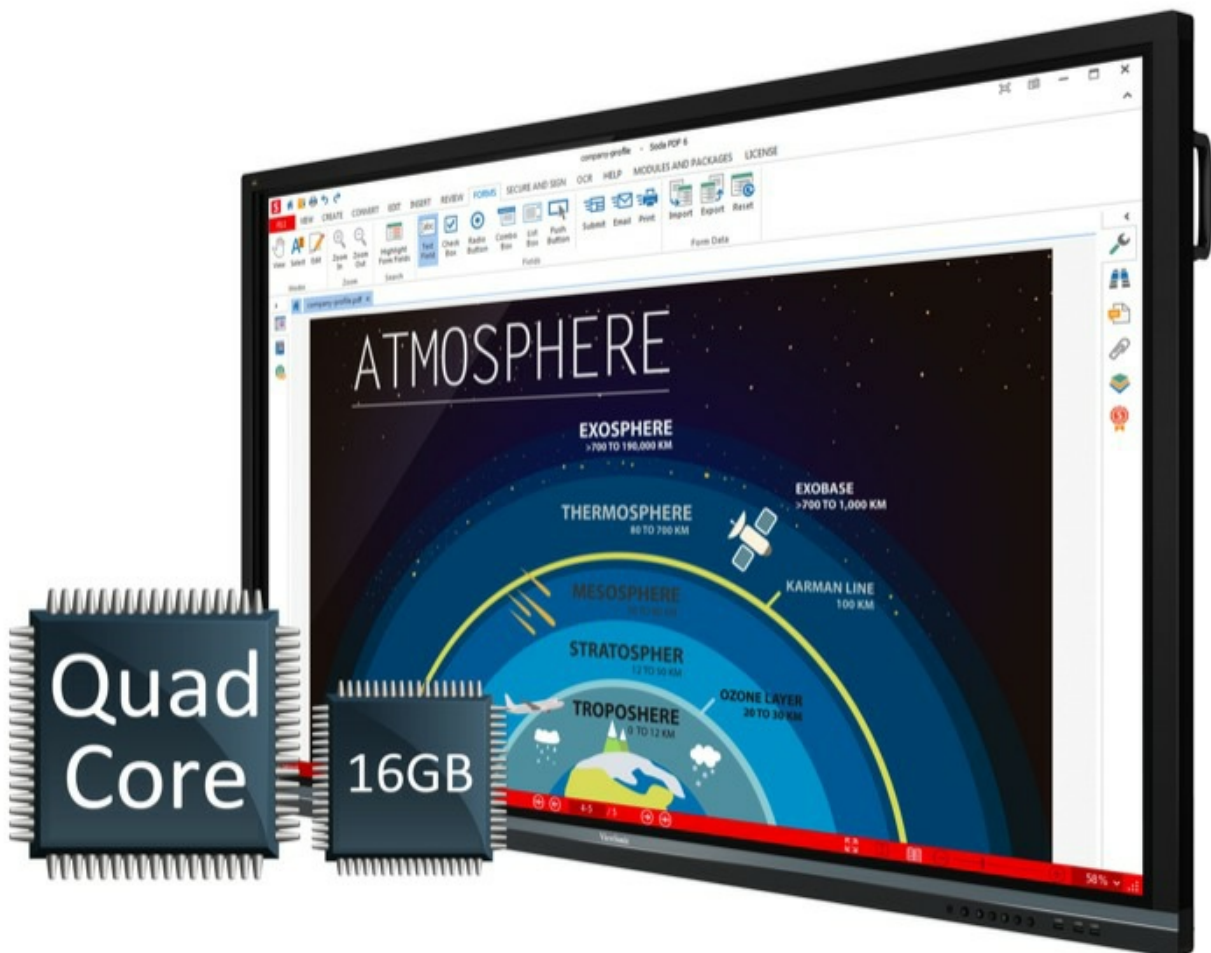
## **ViewBoard 2.1 Annotation Software *Teaching whiteboard***

ViewBoard 2.1 is an advanced education-oriented annotation app that includes subject templates, multimedia support, screen recording, and many other effective teaching tools. In Google-based classrooms, multiple users can share and save any of their ViewBoard 2.1 content with ease.



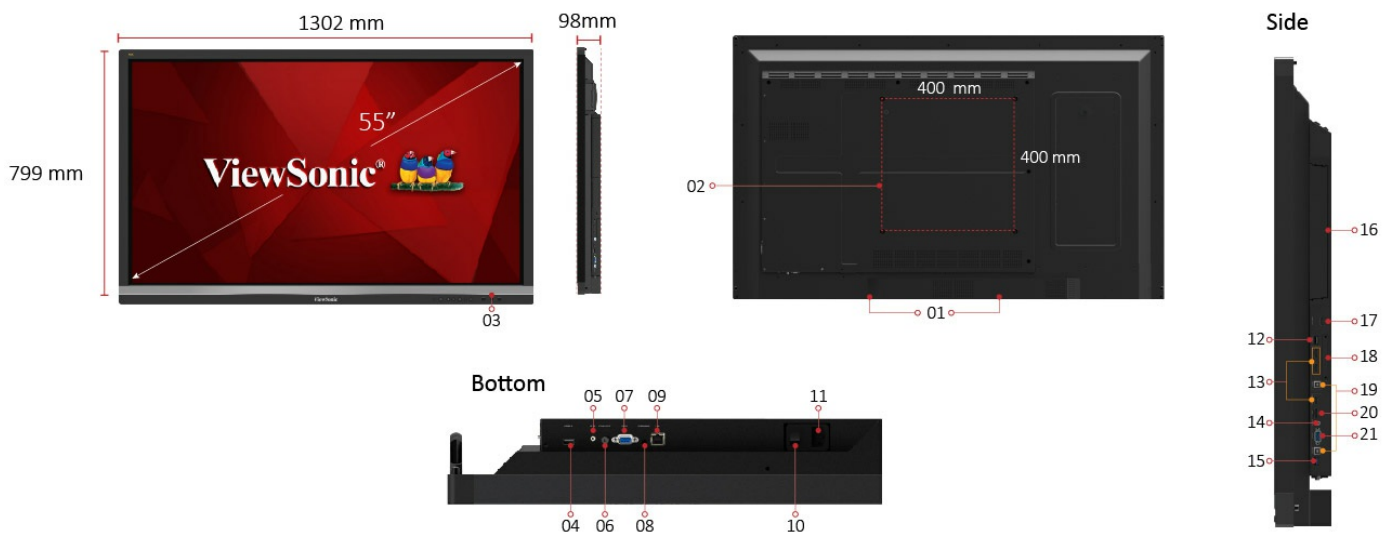
## Built-in ARM Quad-core CPU with 16GB Storage

Equipped with a powerful quad-core processor and Android OS, this display provides smooth, lightning-fast computing and responsive touch capabilities. 16GB of onboard memory provides ample storage for files and multimedia content.



## Out-of-Box Collaboration

Integrated with ViewSonic vBoard and Cast software, as well as Zoom® software, this display delivers out-of-the-box annotation and content sharing capabilities. This display can also be upgraded with Intel® Unite, which can wirelessly and securely display media from any range of devices such as tablets, laptops, and mobile phones.



1. SPEAKERS
2. VESA® WALL Mount 400x400 mm
3. MENU CONTROLS
4. USB 2.0

5. CVBS IN (AV IN)
6. SPDIF (COAX OUT)
7. RS232 IN
8. AUDIO OUT
9. RJ45 (LAN)
10. POWER ON / OFF
11. AC IN
12. USB 2.0 &3.0
13. HDMI IN
14. AUDIO IN
15. USB 2.0 & 3.0
16. PC SLOT
17. HDMI OUT
18. WIFI & BLUETOOTH MODULE SLOT
19. USB 2.0 (Touch)
20. DisplayPort
21. VGA IN

## Learn more about Software

### **ViewBoard® Cast Content Sharing Software *On-site content sharing software***

ViewBoard® Cast is a content sharing app for mobile devices that enables 1080p content to be streamed from a user's device onto ViewBoard® wirelessly or over a cable network.



### **Zoom Conference Software *On-line conference software***

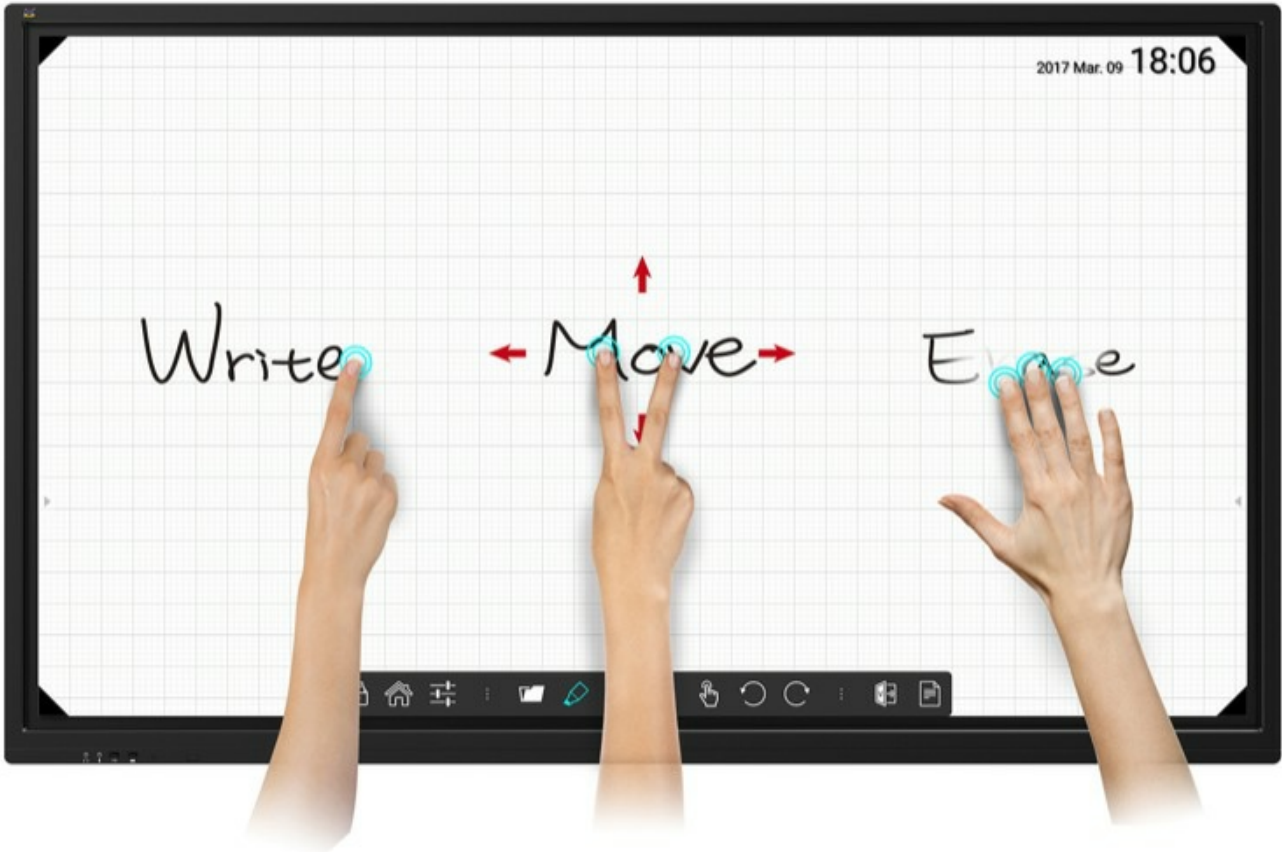
Zoom is a conferencing app that enables content to be streamed from a user's devices onto ViewBoard® over the internet. It supports up to 10 participants, allowing 4 of the 10 to stream content from their laptop or smart phone.



## **vBoard Annotation Software *Annotation whiteboard***

vBoard is an annotation app used for writing and drawing on the ViewBoard®. The intuitive “draw with one finger, move/zoom with two fingers, and erase with three fingers” design delivers a user friendly experience.





## Learn More Features

### Quick Launcher *Startup top 3 commonly used functions*

ViewBoard®'s vBoard, Cast, and Browser shortcuts enable users to write, cast content, and surf the web; 3 of the most commonly used functions during meetings and in class. These easy access desktop icons are displayed as soon as the ViewBoard® is powered on.



## **Optional Slot-in Wi-Fi & Bluetooth Module *Complete wireless environment***

Offering users a complete wireless environment, the optional slot-in wireless module provides a dual band 2.4GHz/5GHz WiFi network, as well as Bluetooth support for flexible usage.



## HDMI-Out Mirroring *Extended display*

Mirroring capabilities deliver group discussion and spatial arrangement flexibility by allowing content to be mirrored on to two ViewBoard®s simultaneously.



## Anti-Scratch, Anti-Glare Glass Faceplate *Anti-scratch, Anti-glare*

The 7H scratch-resistant and anti-glare screen offers a durable and consistent high-quality touch experience.



## Versatile Connectivity

HDMI, USB, and VGA connections provide the versatility to connect to a wide variety of computing and multimedia devices.

## Technical Specifications

<b>LCD PANEL</b>	<b>Panel Size</b>	55"
	<b>Type/ Tech</b>	TFT LCD Module with DLED Backlight
	<b>Display Area (mm)</b>	1209.6 (H) x 680.4 (V) (54.64" diagonal)
	<b>Aspect Ratio</b>	16:9
	<b>Resolution</b>	3840 x 2160
	<b>Colors</b>	1.07B colors (10bit)
	<b>Brightness</b>	350 nits (typ.) 300 nits (min.)
	<b>Contrast Ratio</b>	1200:1 (typ.)
	<b>Response Time</b>	8 ms
	<b>Viewing Angles</b>	H = 178, V = 178 (typ.)
	<b>Backlight</b>	DLED
	<b>Backlight Life</b>	30,000 Hours Min.
	<b>Hardness</b>	7H

<b>TOUCH</b>	<b>Type/ Tech</b>	IR Recognition
	<b>Touch Resolution</b>	32767 x 32767
	<b>Touch Point</b>	20 points touch, 10 points writing
	<b>Response Time</b>	<15ms
	<b>System</b>	Windows 10 / Windows 8 / Windows 7 / Windows XP / Vista / Linux / Mac / Android / Wince / Chrome
	<b>Life Time</b>	80,000hrs
<b>INPUT</b>	<b>HDMI</b>	1.4a x 2 (3840 x 2160@30Hz) 2.0 x 1 (3840 x 2160@60Hz)
	<b>RGB / VGA</b>	x 1
	<b>DisplayPort</b>	x 1 (3840 x 2160@60Hz)
	<b>Audio</b>	x 1 PC audio (3.5mm)
	<b>CVBS (AV)</b>	x 1
	<b>RS232</b>	x 1
	<b>PC Slot</b>	x 1 (proprietary)
	<b>OUTPUT</b>	<b>HDMI</b>
<b>Audio (Earphone out)</b>		x 1
<b>SPIDF</b>		x 1
<b>LAN</b>	<b>RJ45</b>	x 1
<b>USB</b>	<b>2.0 Type A</b>	x 4 (front x 2, for both embedded player and slot-in PC)
	<b>3.0 Type A</b>	x 2 (front x 1, for both embedded player and slot-in PC)
	<b>2.0 Type B (For touch)</b>	x 2
<b>SPEAKERS</b>		16W x 2
<b>BUILT-IN PC</b>	<b>Processor</b>	ARM Cortex A53 Quad Core 1.2G Hz CPU
	<b>Graphic</b>	ARM Mali-450 Quad Core
	<b>Memory</b>	2GB DDR3
	<b>Storage</b>	16GB eMMC
	<b>Networking</b>	10/100M auto-identification and DHCP
<b>COMPATIBILITY</b>	<b>VGA</b>	Refer to timing table
	<b>HDMI</b>	3840x2160
	<b>DP</b>	3840x2160
	<b>CVBS</b>	480i
<b>POWER</b>	<b>Voltage</b>	100-240VAC +/- 10% Wide Range
	<b>Consumption</b>	250 W
<b>ERGONOMICS</b>	<b>Wall Mount (VESA® )</b>	400 x 400mm; Screw: M8 x 25mm
<b>OPERATING CONDITIONS</b>	<b>Temperature (° C)</b>	32°F to 104°F (0°C to 40°C)
	<b>Humidity</b>	10% ~ 90% non-condensing
<b>WEIGHT</b>	<b>Net (kg / lb)</b>	34kg / 74.96lbs
	<b>Gross (kg / lb)</b>	46kg / 101.41lbs
<b>REGULATIONS</b>	<b>Standard</b>	FCC, cTUVus, CE, CB, EAC, BSMI, RCM
<b>What's in the box?</b>		1.VGA cable(5 meters) 2.Power cable(3 meters) x 4 3.Remote control 4.USB cable(5 meters) 5.Audio cable(5 meters) 6.AV cable 7.Touching pen x 3 8.User manual CD wizard 9.Quick Start Guide 10.RS232 adapter

11.Clamp x 5

12.Plate

13.Screw x 3