Advanced 86" Ultra HD ViewBoard® Interactive Flat Panel

IFP8650



Featuring 4K Ultra HD resolution and an immersive 20-point touch screen, the ViewSonic® ViewBoard® IFP8650 delivers incredible collaborative capabilities for 21st century boardrooms and classrooms. With astonishing 20-point simultaneous touch capabilities and pre-installed ViewSonic vBoard® annotation software, this 86” interactive flat panel lets multiple users write or draw on the screen with their fingers and styluses. With a built-in quad-core processor, as well as versatile connectivity options including multiple HDMI, VGA, RS232, RJ45, and USB ports, this display provides powerful computing for annotation and multimedia playback without the need for a PC. This Energy Star certified display delivers optional slot-in PC capability, as well as future-proof Intel® SDM capability, for more computing-intensive interactive applications. The IFP8650 features a VESA-compatible design and can be placed on a wall mount, or on an optional trolley cart for flexible installation in classrooms and corporate meeting rooms.

- 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.



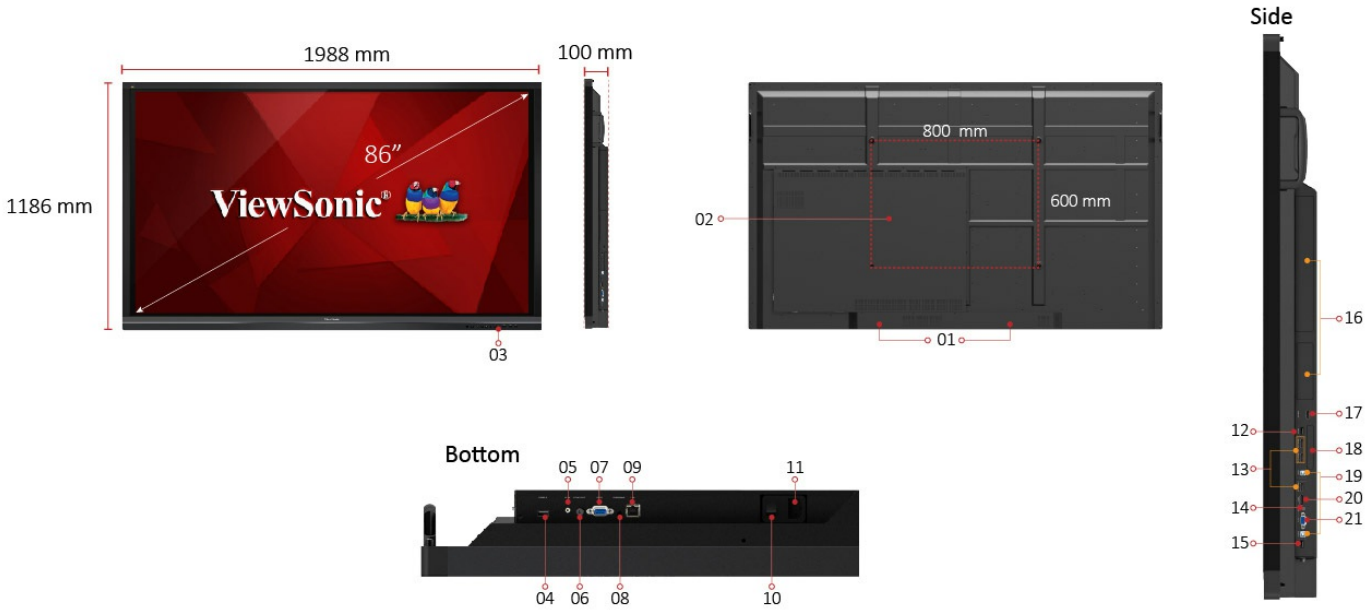
Built-in ARM Quad-core CPU with 16GB Storage

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.



1. SPEAKERS
2. VESA® WALL MOUNT 800x600 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
13. HDMI IN
14. AUDIO IN
15. USB 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



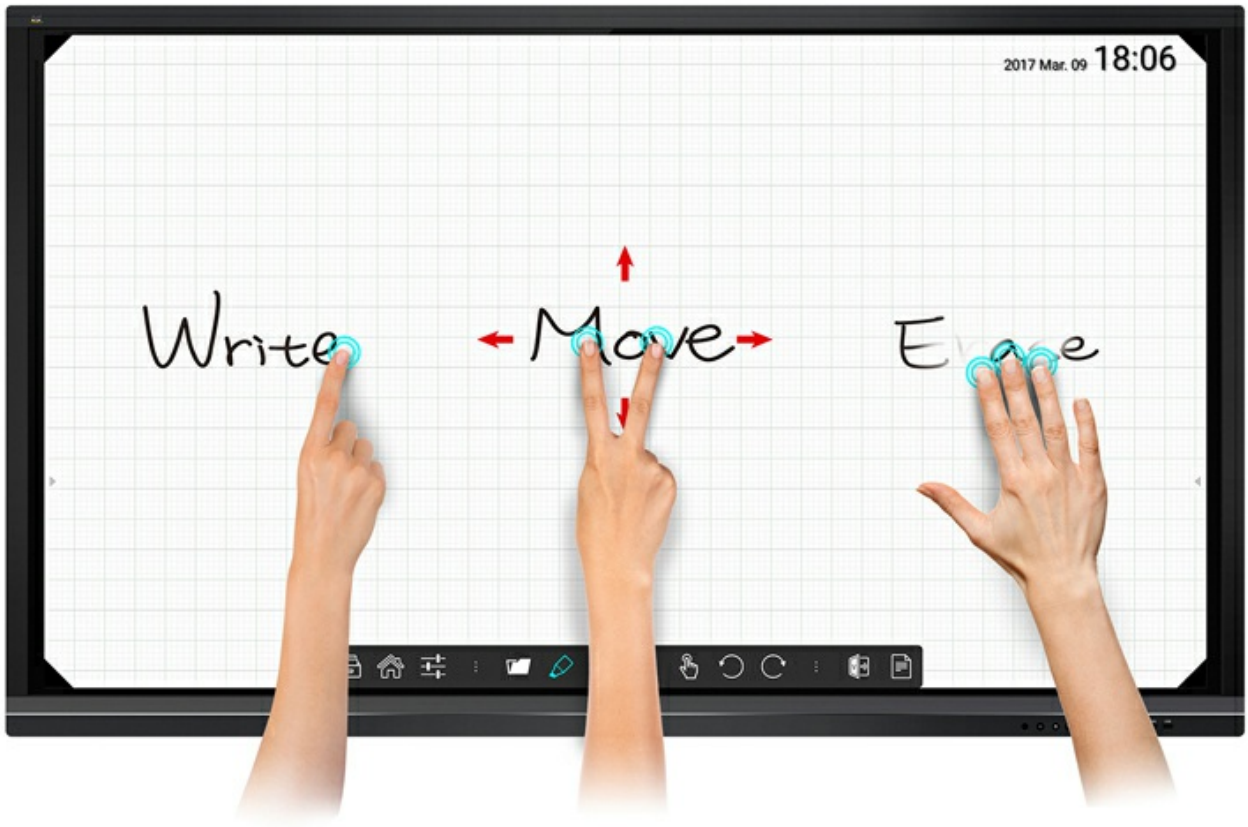
ViewBoard® Cast Content Sharing Software *On-site content sharing software*

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

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

LCD PANEL	Panel Size	86"
	Type/ Tech	TFT LCD Module with DLED Backlight
	Display Area (mm)	1895.04 (H) x 1065.96 (V) (85.6” diagonal)
	Aspect Ratio	16:09
	Resolution	3840 x 2160
	Colors	1.07B colors (10bit)

	Brightness	350 nits (typ.) 300 nits (min.)
	Contrast Ratio	1200:1 (typ.)
	Response Time	8 ms
	Viewing Angles	H = 178, V = 178 (typ.)
	Backlight	DLED
	Backlight Life	30,000 Hours Min.
	Hardness	7H
TOUCH	Type/ Tech	IR Recognition
	Touch Resolution	32767 x 32767
	Touch Point	20 points touch, 10 points writing
	Response Time	<15ms
	System	Windows 10 / Windows 8 / Windows 7 / Windows XP / Vista / Linux / Mac / Android / Wince / Chrome
	Life Time	80,000hrs
INPUT	HDMI	x 3
	RGB / VGA	x 1
	DisplayPort	x 1
	Audio	x 1
	CVBS (AV)	x 1
	RS232	x 1
	PC Slot	x 2
OUTPUT	HDMI	x 1 (for all sources)
	Audio (Earphone out)	x 1
	SPIDF	x 1
LAN	RJ45	x 1
USB	2.0 Type A	x 3 (front x 1, for both embedded player and slot-in PC)
	3.0 Type A	x 3 (front x 2, for both embedded player and slot-in PC)
	2.0 Type B (For touch)	x 2
SPEAKERS		16W x 2
BUILT-IN PC	Processor	ARM Cortex A53 Quad Core 1.2G Hz CPU
	Graphic	ARM Mali-450 Quad Core
	Memory	2GB DDR3
	Storage	16GB eMMC
	Networking	10/100M auto-identification and DHCP
COMPATIBILITY	VGA	Refer to timing table
	HDMI	3840x2160
	DP	3840x2160

	CVBS	480i
POWER	Voltage	100-240VAC +/- 10% Wide Range
	Consumption	500 W
ERGONOMICS	Wall Mount (VESA®)	800 x 600mm; Screw: M8 x 25mm
OPERATING CONDITIONS	Temperature (º C)	32°F to 104°F (0°C to 40°C)
	Humidity	10% ~ 90% non-condensing
WEIGHT	Net (kg / lb)	78kg / 171.96lbs
	Gross (kg / lb)	105kg / 231.49lbs
REGULATIONS	Standard	FCC, CE, cTUVus, RCM, PSB, EAC, CCC
What's in the box?		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

ViewSonic® Limited Warranty

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

For more product information, visit us at **www.viewsoniceurope.com**

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