

## Key Features

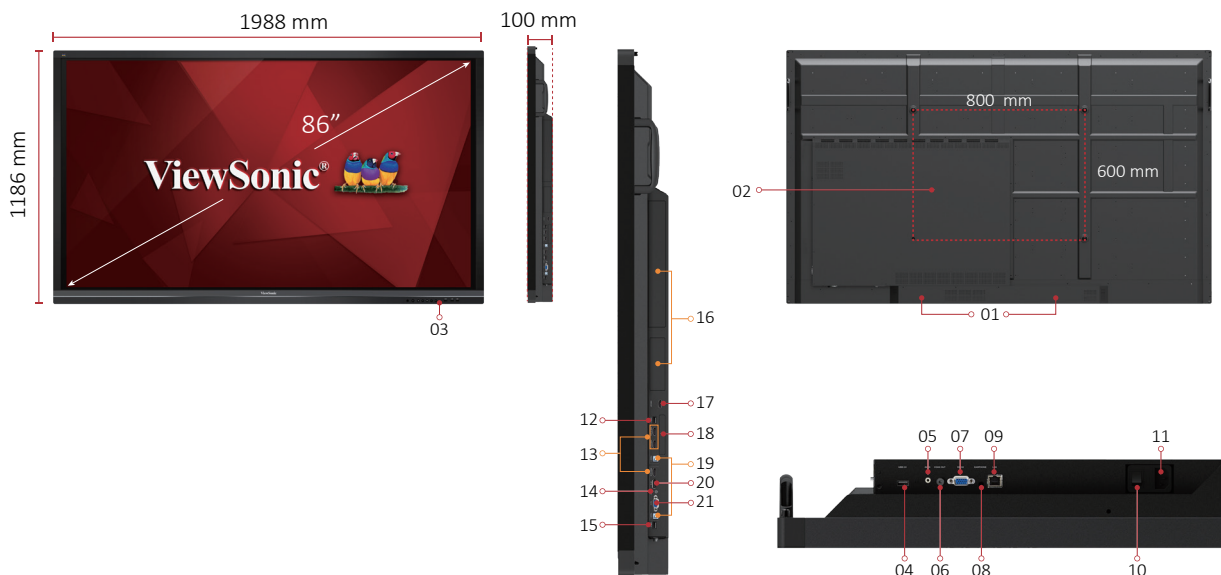
86" 4K Interactive Flat Panel

- > 20-Point Multi-Touch
- > Floating Pen- Annotation on Demand
- > vBoard® 2.2 Annotation Software
- > Built-in ARM Quad-core CPU with 16GB Storage
- > Out-of-Box Collaboration



## Product Description

Featuring 4K Ultra HD resolution and an immersive 20-point touch screen, the ViewSonic® ViewBoard® IFP8650 delivers incredible collaborative capabilities for large conference rooms, classrooms, and even ballrooms. With vBoard™ Embedded software, this 86" interactive flat panel lets multiple users write or draw on the screen with their fingers and styluses. For more robust annotation options, ViewBoard® Interactive Annotation Software for Windows PC is available via a free download. 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 display delivers optional slot-in PC 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.



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|--------------------------------------|----------------------|--------------|----------------------------------|
| 01. SPEAKERS                         | 06. SPDIF (COAX OUT) | 12. USB 2.0  | 18. WIFI & BLUETOOTH MODULE SLOT |
| 02. VESA® Wall Mount<br>800 x 600 mm | 07. RS232 IN         | 13. HDMI IN  | 19. USB 2.0 (Touch)              |
| 03. MENU CONTROLS                    | 08. AUDIO OUT        | 14. AUDIO IN | 20. DisplayPort                  |
| 04. USB 2.0                          | 09. RJ45 (LAN)       | 15. USB 3.0  | 21. VGA IN                       |
| 05. CVBS IN (AV IN)                  | 10. POWER ON / OFF   | 16. PC SLOT  |                                  |
|                                      | 11. AC IN            | 17. HDMI OUT |                                  |



86"



3840 x 2160



20 point-touch



350 nits



7H glass



16W (x2)

#### Display:

Display Size (in.):	86
Viewable Area (in.):	86
Light Source:	LED
Resolution:	3840 x 2160
Aspect Ratio:	16:9
Static Contrast Ratio:	1,200:1
Brightness:	350 nits
Response Time (Typical GTG):	8ms
Viewing Angles:	178° horizontal, 178° vertical
Panel Surface:	Anti-glare 7H tempered glass

#### Embedded Player:

Android Version:	5.1
GPU:	ARM Mali450 MP4
CPU:	ARM Cortex A53 Quad Core Processor 1.5GHz
Memory:	2GB
Storage:	16GB
Interface:	OSD / Remote Control / Annotation overlay
Ethernet LAN:	10/100 Mbps

#### Audio:

Internal Speakers:	16W (x2)
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#### Connector:

HDMI 1.4(2), HDMI 2.0(1), HDMI Out(1), VGA(1), Display Port(1), Composite RCA(1), 3.5mm Audio In(1), 3.5mm Audio Out(1), SPDIF Audio Out(1), USB 3.0(2), USB 2.0(4), Slot-in PC Slot(1), USB B Touch Port(2), Ethernet LAN (RJ45)(1), WIFI Module Slot(1), Expansion Slot(1)

#### Power:

Voltage:	100-240 VAC, 50-60Hz
Consumption With Slot-In PC (typical):	456W
Consumption Without Slot-In PC (typical):	361W
Stand-by:	<.5W

#### Controls:

On Screen Display:	Input, Volume, Backlight, Audio, Screen, Display, Adjust
Remote Control:	Volume, Channel, Source, Mute, Back, Input, Menu

#### Operating Conditions:

Temperature:	32-104° F (0- 40° C)
Humidity (non-condensing):	10-90%

#### Touch:

Touch Technology:	Infrared
Touch Points:	20-Point Touch

#### Weight (metric):

Net (kg):	78
Gross (kg):	105

#### Weight (imperial):

Net (lbs):	171.96
Gross (lbs):	231.49

#### Dimensions (metric) (WxHxD):

Packaging (mm):	2211 x 1380 x 280
Physical (mm):	1988 x 1186 x 100

#### Dimensions (imperial) (WxHxD):

Packaging (in.):	87.0 x 53.1 x 11.0
Physical (in.):	78.3 x 46.7 x 3.9

#### Mount:

VESA Compatible:	800 x 600 mm
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#### Additional Hardware:

Camera Mounting Bracket:	1
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#### Warranty:

3-year limited warranty on parts, labor and backlight, onsite warranty

#### Recycle/Disposal:

Please dispose of in accordance with local, state or federal laws.

#### What's In The Box?

IFP8650 display, stylus pen x 3, power cable, remote control with batteries, ViewSonic Wizard CD (User Guide), Quick Start Guide, USB cable, audio cable, camera bracket, VGA cable, power cords

#### Regulations:

cTUVus, FCC, Mexico Energy, CE, CB, RoHS, ErP, WEEE

#### UPC:

766907900415

#### Accessories:

CD-EW-84-02, Intel Unite, LB-STND-003, LB-STND-005-3, LB-WIFI-001, LB-WIFI-001-S, NMP620-P10, NMP620-P10X, NMP660, NMP709-P10\_1, NMP709-P10\_3, NMP709-P10\_5, SW-020, SW-071, SW-071-2, SW-072, SW-072-2, SW-073, SW-073-2, SW-074, SW-074-2, SW-075-2, SW-110, SW-111, SW-115, SW-UP-117, VB-STND-001, VB-VIS-001, VC10, VCB10, VPC01-AN, VPC10-WP, VPC10-WP-2, VPC10-WP-4, VPC10-WP-S, VPC14-WP, VPC14-WP-2, VPC14-WP-4, VPC14-WP-5, WMK-047, WMK-047-2, cd-ew-84-01, myViewBoard for Windows