



INTERACTIVE FLAT PANEL  
**IFP8650**

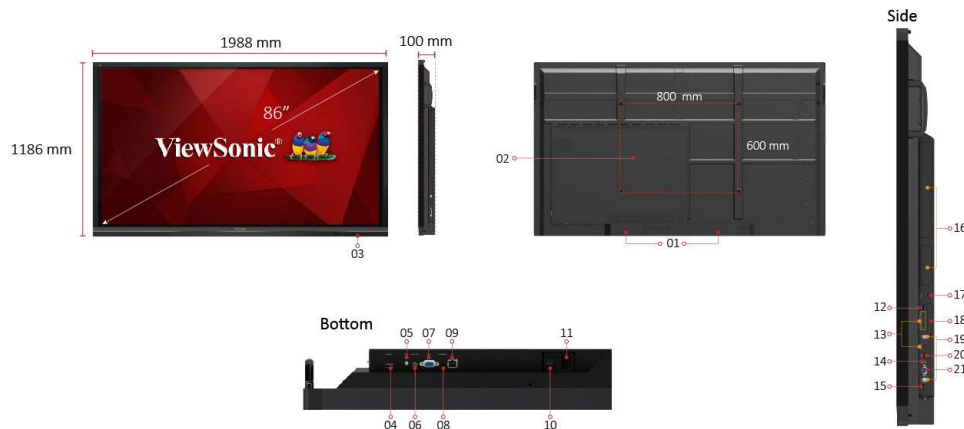
**Key Features**

- 4K Resolution with Eye-Care Technology
- 4K, Flicker-Free, Blue Light Filter | 20-Point Touch Multi-user annotation | Floating Pen Annotation on demand | ViewBoard® 2.1 Annotation Software
- Teaching whiteboard | Built-in ARM Quad-core CPU with 16GB Storage



**Product Description**

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.



- |                                |                     |                   |                                  |
|--------------------------------|---------------------|-------------------|----------------------------------|
| 1. SPEAKERS                    | 6. SPDIF (COAX OUT) | 12. USB 2.0 & 3.0 | 18. WIFI & BLUETOOTH MODULE SLOT |
| 2. VESA® WALL MOUNT 600x400 mm | 7. RS232 IN         | 13. HDMI IN       | 19. USB 2.0 (Touch)              |
| 3. MENU CONTROLS               | 8. AUDIO OUT        | 14. AUDIO IN      | 20. DisplayPort                  |
| 4. USB 2.0                     | 9. RJ45 (LAN)       | 15. USB 2.0 & 3.0 | 21. VGA IN                       |
| 5. CVBS IN (AV IN)             | 10. POWER ON / OFF  | 16. PC SLOT       |                                  |
|                                | 11. AC IN           | 17. HDMI OUT      |                                  |

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**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
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**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
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**OPERATING CONDITIONS**

Temperature (° 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
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**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