# ViewBoard® 86" 4K Flagship Interactive Display

**IFP8670**

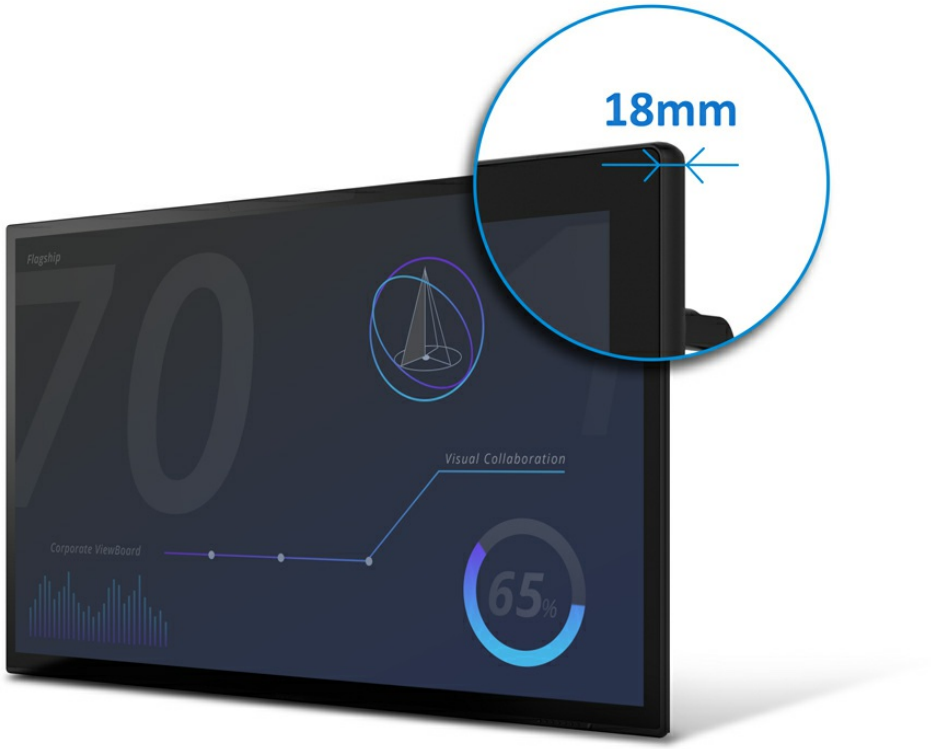



- Advanced Projected Capacitive (PCAP) touch technology
- Write Naturally and Accurately with Smart Active Pen
- Azure certified IoT sensor hub for workplace management
- High Quality Video Conferencing Solution
- Single cable content sharing through USB Type C

The ViewBoard® IFP70, our flagship interactive display, is tailored for visual collaboration in a digital workplace. Adopting advanced Projected Capacitive (PCAP) touch technology, it has a frameless, flat touchscreen to deliver precise responsiveness and the most accurate touch experience. Together with the smart pen, it enables you to write naturally and accurately like a real pen on a 4K Ultra HD resolution screen, streamlining visual collaboration. The ViewBoard® IFP70 series has quick, easy connectivity for content sharing via USB-C cable or wireless ViewBoard® Cast. Furthermore, it has a high quality video conferencing solution for the remote workforce with certified FHD camera, 6 mic array and 2.1 speaker configuration. In addition, the ViewBoard® IFP70 series gives you extra security to keep your information safe, private and compliant. It has built-in, AWS-powered myViewBoard™ whiteboarding software and an optional Intel® vPro™ slot-in PC. The ViewBoard® IFP70 series is also equipped with IoT sensors, which meet Windows Collaboration Display standards. It can work with Microsoft Azure Digital Twins to monitor and optimise your smart meeting rooms and collaboration spaces.

## Flat & Sleek Design for the Digital Workplace

Advanced Projected Capacitive (PCAP) touch technology - a direct-bonding glass touchscreen to deliver precise responsiveness and the most accurate experience.




## Write Naturally and Accurately

Smart Pen - designed to feel like a real pen with an eraser.



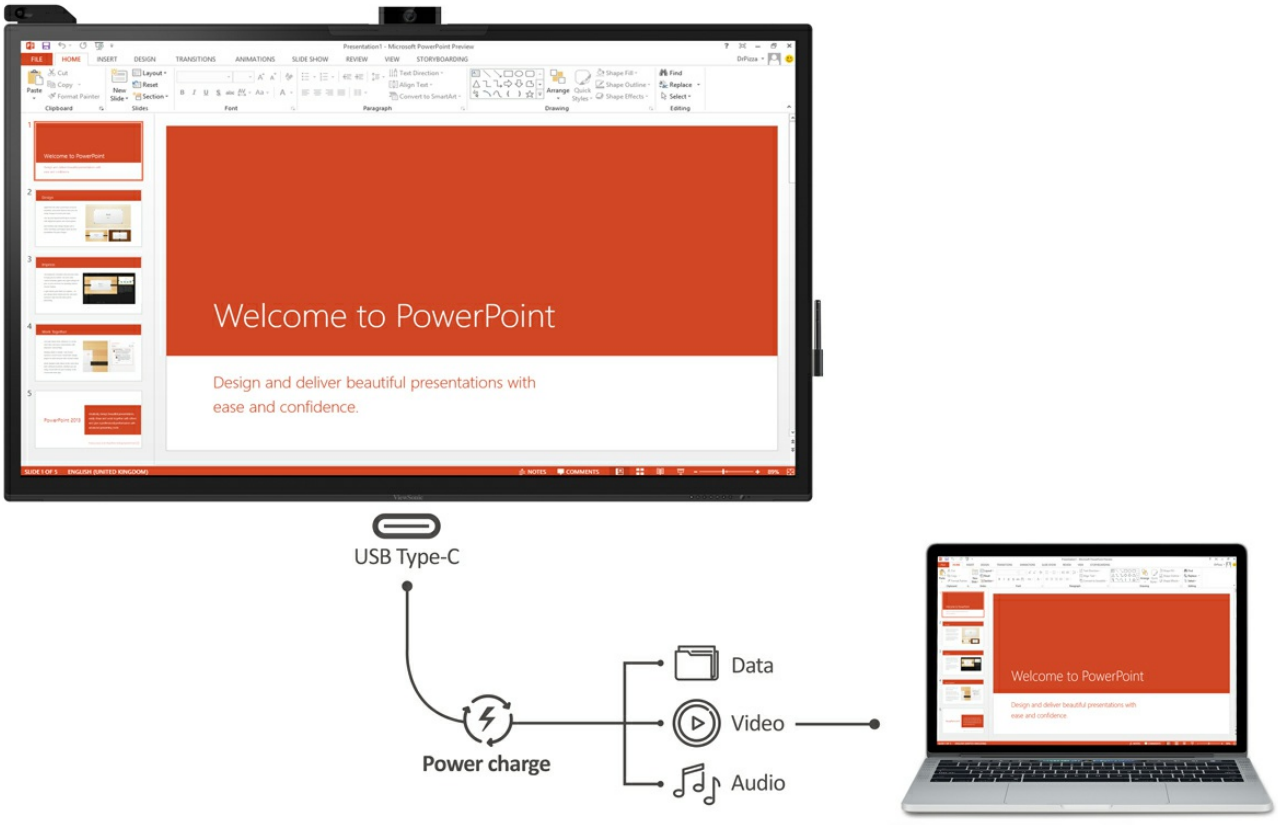
## Presentation Control

Smart Pen as a remote control to advance slides.



## Single cable content sharing

USB-C - all-in-one cable for security, data, audio/video, Ethernet and power.




## Wireless content sharing

ViewBoard® Cast - built-in app to present content wirelessly across devices.




## High Quality Video Conferencing Solution

Tailor-made for remote workforce with certified FHD camera, 6 mic array and 2.1 speaker configuration.



## Cloud security

Built-in, AWS-powered myViewBoard ™ whiteboarding software, which protects your data with cloud-powered security and encryption.







## Windows Slot-in PC

Optional Intel® vPro ™ slot-in PC, which protects your business with dedicated endpoint security.

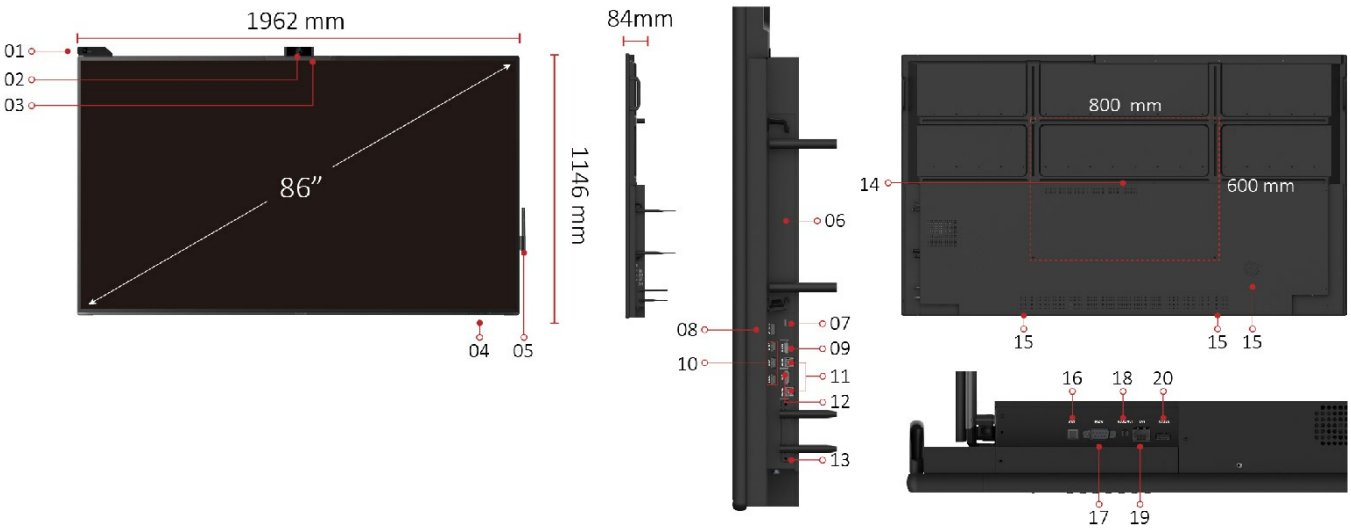



## Digital Hub to Fulfill Workplace Management

Azure certified IoT sensor hub to detect motion, light, temperature, humidity, and proximity, enables you to analyze and optimise your valuable resources, reduce costs and enhance your connected spaces.




## I/O Ports




1. Sensor Hub
2. Camera
3. 6 Array Microphone
4. Meun Controls
5. Smart Pen and Charger
6. Intel Unite® Certified OPS Slot
7. USB-C
   (USB 3.0, DP 1.4 Alternate Mode, Ethernet, PD 60W)
8. HDMI Out
9. HDMI In
10. USB 3.0 X 3

11. Touch X 2
12. Display Port
13. WiFi Module Slot
14. VESA Wall Mount
    800x600mm
15. 2.1 Speakers
16. SPDIF
17. RS232
18. Audio Out
19. LAN
20. USB 2.0

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## Technical Specifications

| | | |
|---|---|---|
| **Display** | 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 | 16:9 |
| | Native Resolution | UHD 3840x2160(Pixels) |
| | Colours | 1.07B colours (10bit) |
| | Brightness | 350 nits (typ.) |
| | Contrast Ratio | 1200:1 Typ. |
| | Response Time | 8ms |
| | Viewing Angles | H = 178, V = 178 typ. |
| | Backlight Life | 30,000 Hours (Min) |
| | Surface Treatment | Anti-Glare/anti finger print |
| | Bezel | Slim |
| | Orientation | Landscape |
| **Platform** | Processor | Dual core A73+Dual core A53 |
| | RAM | 4GB DDR4 |
| | Storage | 32GB |
| **Touch** | Type/ Tech | PCAP |
| | Touch Resolution | 32767 x 32767 |
| | Touch Point | 20 points touch, 10 points writing |
| **INPUT** | HDMI | 2.0 x1 (3840x2160 @60Hz) |
| | DisplayPort | X1 1.4 |
| | RS232 | x1 |
| | OPS | x1 PC Slot (proprietary) |
| **OUTPUT** | HDMI | X1(4K2K@60Hz) |
| | Audio | x1 (Earphone out) |
| | SPDIF | 1(optical) |

| | | |
|---|---|---|
| **LAN** | RJ45 | x1 |
| **USB** | Type A | USB 3.0 x3 |
| | Type B | USB 3.0 x2, for touch |
| | Type C | x1 USB3.0, DP1.4 Alternate mode, Ethernet, PD 60W |
| **SPEAKERS** | SPEAKERS | 10W x 2 + 15W x 1 subwoofer |
| **Camera plate on top for screw-in webcam installation** | Camera plate on top for screw-in webcam installation | Yes |
| **COMPATIBILITY** | CVBS | 480i |
| | HDMI | 3840x2160 |
| **Embedded OS** | Embedded OS | Android 8 |
| **USB SUPPORTED FILE FORMAT** | USB SUPPORTED FILE FORMAT | Picture -<br>BMP, JEPG, PNG<br><br>Video -<br>Codec: MPEG1, MPEG2, MPEG2-PS, MPEG4, MKV<br>Container: MPG, MP4, MOV, VOB, DAT, MKV<br><br>Audio -<br>Codec: AAC, HEAAC, MPEG1, MPEG2<br>Container: AAC, M4A, MP3 |
| **Bundle Software** | Basic Annotation Software | myViewBoard for android |
| | Pro Annotation Software | myViewBoard for windows (Embedded in Windows Slot-in PC) |
| | Wireless Presentation with Touch Feedback: Viewboard Cast | Yes |
| | Zoom | Yes |
| | ViewSonic Launcher | Embedded |
| **Special Features** | All-in-one USB port (combine Windows/Android USB port; no need to distinguish them anymore) | Yes |
| | Simple LAN sharing between IFP and slot-in device | Yes |
| **Power** | Voltage | 100-240VAC +/- 10% Wide Range |
| | Consumption | On:176.6W(Typ.)<br>Off: <0.5W |
| **ERGONOMICS** | Wall Mount (VESA® ) | 800 x 600 |
| **OPERATING CONDITIONS** | Temperature (° C) | 0°C to 40°C |
| | Humidity | 10% ~ 90% RH non-condensing |
| **DIMENSIONS (W x H x** | | |

| | | |
|---|---|---|
| D) | Physical (inch / mm) | 1962X1146X84(mm)<br>77.24x45.11x3.3(inch) |
| | Packaging (inch / mm) | 2123X1345X280(mm)<br>83.8X52.9X11(inch) |
| WEIGHT | Net (lb / kg) | 160.93/73Kg |
| | Gross (lb / kg) | 209.43/95Kg |
| REGULATIONS | REGULATIONS | FCC, cTUVus, CB, CE, RCM, |
| Energy Star version | Energy Star version | Under proceed apply to ES8.0 |
| EEI rating | EEI rating | A+ |
| ProAV certificate readiness | Crestron | 75% |
| | Extron | 20% |
| | AMX | 0% |
| PACKAGE CONTENTS | PACKAGE CONTENTS | 1. Power cable(3 meters) x 4<br>2. Remote control<br>3. AAA battery X2<br>4. USB cable Type C(1.5 meters pass logo)<br>5. activeTouch pen x 2<br>6. Pen Charger X1<br>7. Quick Start Guide<br>8. RS232 adapter<br>9. Clamp x 7<br>10. Camera<br>11. Screw x 6 (4 for wall mount ,2 for sensor hub)<br>12. HDMI cable -3M<br>13. Sensor hub<br>14 .Touch USB cable 3M<br>15. Micro USB cable for camera 2M |
| Compatible Slot-in PC | Compatible Slot-in PC | VPC14-WP series<br>VPC10-WP series<br>VPC15-WP series<br>VPC16-WP series<br>VPC17-WP series |

## 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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