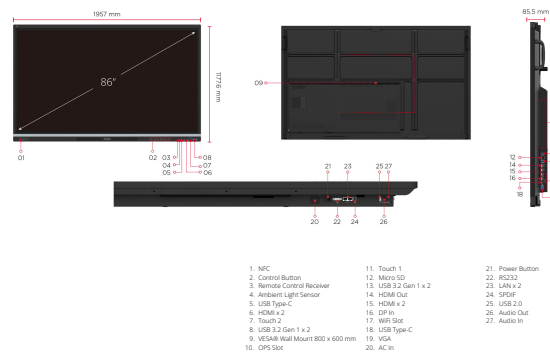## Key Features



- Write Away quick-start annotation, enhanced by 50-point touch and palm rejection for precise writing.
- 70W total output power speaker system with built-in 8-microphone array, for rich, immersive audio.
- EDLA-Certified with Android 14, integrated ViewSonic Education Software for seamless functionality.
- NFC and SSO sign-in for swift access to the intuitive launcher and personal settings.
- EPEAT Silver certified for enhanced energy efficiency and sustainability.

## Product Description

Bring energy-efficient performance to your classroom with the ViewBoard® IFP51 Series, available in sizes from 55" to 98" to suit any setup. Seamless interactivity is at your fingertips, thanks to its ultra-responsive 50-point touch technology and instant 'write away' annotation. Powered by Android 14 and EDLA-Certified, it offers secure access to Google Play apps, while NFC and SSO sign-in ensure instant access to personalized settings. Integrated ViewSonic Education Software completes the experience with tools for whiteboarding, casting, and device management—delivering a more dynamic and efficient teaching experience.



| | | |
|---|---|---|
| 1. NFC | 11. Touch 1 | 21. Power Button |
| 2. Control Button | 12. Micro SD | 22. RS232 |
| 3. Remote Control Receiver | 13. USB 3.2 Gen 1 x 2 | 23. LAN x 2 |
| 4. Ambient Light Sensor | 14. HDMI Out | 24. SPDIF |
| 5. USB Type-C | 15. HDMI x 2 | 25. USB 2.0 |
| 6. HDMI x 2 | 16. DP In | 26. Audio Out |
| 7. Touch 2 | 17. WiFi Slot | 27. Audio In |
| 8. USB 3.2 Gen 1 x 2 | 18. USB Type-C | |
| 9. VESA® Wall Mount 800 x 600 mm | 19. VGA | |
| 10. OPS Slot | 20. AC In | |

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### DISPLAY

| Panel Size: | 86" |
|---|---|
| Panel Type: | TFT LCD Module with DLED Backlight. |
| Display Area (mm): | 1895.04mm(H) x 1065.96mm (V) (85.6") |
| Aspect Ratio: | 16:9 |
| Resolution: | UHD 3840x2160 |
| Colors: | 1.07B colors |
| Brightness: | 400 nits (typ.) |
| Contrast Ratio: | 1200:1 (typ.); 5000:1 (DCR) |
| Response Time: | 6.5 ms |
| Viewing Angles: | H = 178, V = 178 typ. |
| Backlight Life: | 50,000 Hours (Min) |
| Surface Treatment: | Hardness:9H, AG+AF |
| Orientation: | Landscape |

### PLATFORM

| Processor: | Octa-Core CPU |
|---|---|
| RAM: | 16GB |

### SPECIAL FEATURES

| All-in-one USB port: | USB 3.2 Gen 1 "SmartPort USB" to all channels |
|---|---|
| Simple LAN sharing between IFP and slot-in device: | 10/100/1000M (USB Type-C 10/100, Android & PC 10/100/1( |
| Light Sensor: | Yes |
| NFC Reader: | Yes |
| Pen Sensor for supporting Write Away: | Yes |

### POWER

| Voltage: | 100-240V AC +/- 10% Wide Range |
|---|---|
| Consumption: | On:111.45W ; Off:< 0.5 W |

### ERGONOMICS

| Wall Mount (VESA® ): | 800 x 600 |
|---|---|

### OPERATING CONDITIONS

| Temperature (° C): | 0°C to 40°C |
|---|---|
| Humidity: | 20% ~ 80% RH non-condensing |

### DIMENSIONS (W X H X D)

| Physical (inch / mm): | 77.05 x 46.36 x 3.36 in / 1957 x 1177.6 x 85.5 mm |
|---|---|

| RAM: | 16GB |
|---|---|
| Storage: | 128GB |

## TOUCH
| Type/ Tech: | Ultra Fine Touch Techology (IR Recognition) |
|---|---|
| Touch Resolution: | 32767 x 32767 |
| Touch Point: | EDLA/Android/Windows: 50 points of touch |
| Palm Rejection: | Yes |

## INPUT
| HDMI: | x4 (Frontx2:HDMI2.1 with CEC,HDCP ; Rearx2: [(HDMI2.1 with CEC, HDCP)x1+(HDMI2.1 with CEC, HDCP, ARC)x1] |
|---|---|
| RGB / VGA: | x1 |
| DisplayPort: | x1 |
| Audio: | x1 |
| RS232: | x1 |
| SD/SDHC: | TF Card Slot(Micro SD) |
| OPS: | x1 PC Slot |

## OUTPUT
| HDMI: | x1 (HDMI 2.1, HDCP 1.x) |
|---|---|
| Audio: | x1 (Line out) |
| SPDIF: | x1 (optical) |

## LAN
| RJ45: | x2 |
|---|---|

## USB
| Type A: | x5 (Front x2 and Rear x 2 with USB3.2 Gen 1, all support SmartPort USB ; Rear x 1 with USB 2.0 for system update) |
|---|---|
| Type B: | x2 (Front x 1 and Rear x 1 with USB3.2 Gen 1) |
| Type C: | x3 (Frontx1 with USB3.2 Gen 1, DP1.2, Ethernet 100M, PD 65W; Rearx1 with USB3.2 Gen 1, DP1.2, Ethernet 100M, PD 15W; Topx1 with USB3.2 Gen 1, PD 15W) |

## SPEAKERS
25W x 2 front soundbar + 20W x 1 subwoofer

## MICROPHONE
Built-in 8-array microphone

## TOP CAMERA PLATE
Yes

## COMPATIBILITY
| RGB PC/HDMI PC: | 1920x1080 @ 60Hz |
|---|---|
| HDMI: | 3840x2160 |
| DisplayPort: | 3840x2160 |

## EMBEDDED OS
EDLA-certified with Android 14

## BUNDLED SOFTWARE
| Basic Annotation Software: | myViewBoard for Android |
|---|---|
| Pro Annotation Software: | myViewBoard for Windows (embedded in VPC) |
| Wireless Presentation: | AirSync |
| Device Management: | Manager |
| ViewSonic Launcher: | Yes |

| Packaging (inch / mm): | 83.07 x 51.34 x 8.86 in / 2110 x 1304 x 225 mm |
|---|---|

## WEIGHT
| Net (lb / kg): | 128.88 lb / 58.46 kg |
|---|---|
| Gross (lb / kg): | 156.59 lb / 71.03 kg |

## REGULATIONS
cTUVus, FCC ID/IC ID, FCC SDoC, Energy Star 8.0, EMC/CE, CB/LVD, GOST-R/EAC, UkrSEPF Certification), Flicker Free, RoHS, ErP-Eco, REACH, SCIP, WEEE, TPCH , Packing waste, CA65

## ENERGY STAR VERSION
8.0

## EEI RATING
E

## PACKAGE CONTENTS
1. Power Cord x1 3 meters,

2. USB Type-C cable x1 1.8 meters

, USB-IF certified

3. USB Touch cable x1 3 meters

4. Touch pen (Passive pen) x 2

5. Quick Start Guide

6. RS232 adapter x1

7. Clamp x 5

8. Camera Plate x1

9. Screw x 8 (camera 2+2, wall mount 4)

10. HDMI cable x1 3meters,

(HDMI LA certified)

11. Remote controller x1

12 AAA battery x2

13. Compliance statement

## COMPATIBLE SLOT-IN PC
VPCF5-W33-G1,
VPC37-W53-G1,
VPC35-W53-G1,
VPC-A31-O1