



VIEWBOARD

# ViewBoard IFP8650-5F

## Key Features

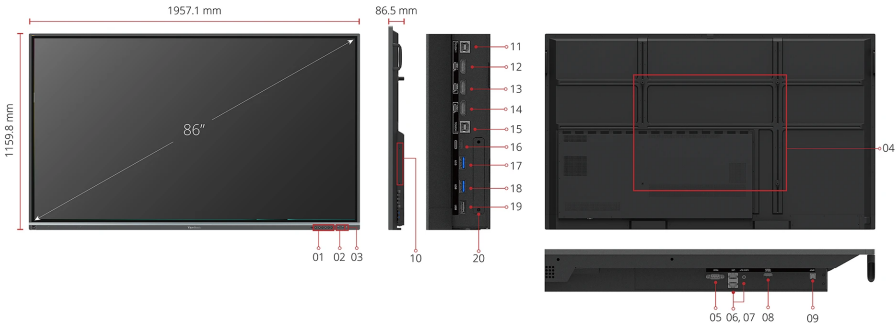
- Ultra Fine Touch Technology offering up to 40-point touch for a pen-on-paper writing experience
- myViewBoard Whiteboard software with engaging classroom tools
- Screen share via USB-C or wirelessly via myViewBoard Display and ViewBoard Cast with Airplay and Chromecast
- Intuitive remote device control and multimedia broadcast with myViewBoard Manager
- Android 11 OS powered by an octa-core CPU for optimized efficiency and security (Upgradable to Android 13)



## Product Description

Designed with modern educators in mind, the ViewBoard® 50-5F Series offers an intuitive and interactive interface for a multi-user writing experience. With a single-cable USB-C for instant, worry-free connectivity, teachers can seamlessly plug-in and control their devices while continuing the lesson. Both students and educators enjoy smooth writing with Ultra Fine Touch Technology offering 40-point touch, and the dual-pen that comes in a range of colors and sizes. Rest assured you and your students' eyes are cared for and protected as the ViewBoard® 50-5F Series comes with Flicker-Free technology and an integrated TÜV certified blue light filter for all brightness levels. Fully integrated with the myViewBoard suite, the ViewBoard® 50-5F Series brings together hardware and software for a complete classroom solution. Compatible with a full line of accessories, the ViewBoard® 50-5F Series enables you to effectively teach with a variety of engaging tools.





- |                                 |              |                       |
|---------------------------------|--------------|-----------------------|
| 1. Menu Control                 | 8. HDMI OUT  | 15. TOUCH 2           |
| 2. USB 3.0                      | 9. SPDIF     | 16. USB Type-C        |
| 3. USB 2.0                      | 10. OPS Slot | 17. USB 3.0           |
| 4. VESA® Wall Mount (800x600mm) | 11. TOUCH 1  | 18. USB 3.0           |
| 5. RS-232                       | 12. HDMI 1   | 19. USB 2.0           |
| 6. LAN                          | 13. HDMI 2   | 20. Wi-Fi Module Slot |
| 7. AUDIO OUT                    | 14. HDMI 3   |                       |

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**DISPLAY**

|                    |                                                       |
|--------------------|-------------------------------------------------------|
| Panel Size:        | 86"                                                   |
| Panel Type:        | TFT LCD Module with DLED Backlight. IPS               |
| Display Area (mm): | 1913.0(H) x 1084.0 (V)                                |
| Aspect Ratio:      | 16:9                                                  |
| Resolution:        | UHD 3840x2160                                         |
| Colors:            | 1.07B colors (10bit)                                  |
| Brightness:        | 500 nits                                              |
| Contrast Ratio:    | 1200:1 (typ.) 6000:1 (DCR)                            |
| Response Time:     | 8ms                                                   |
| Viewing Angles:    | H = 178, V = 178 typ.                                 |
| Backlight Life:    | 50,000 hours (Min)                                    |
| Surface Treatment: | Hardness: 7H, Anti-glare coating                      |
| Bezel:             | Slim                                                  |
| Orientation:       | Landscape                                             |
| Disclaimer:        | 50,000 hours backlight life at 8 hours of use per day |

**PLATFORM**

|            |                                 |
|------------|---------------------------------|
| Processor: | ARM Cortex-A73*4 + Cortex-A53*4 |
| RAM:       | 8GB                             |
| Storage:   | 64GB                            |

**TOUCH**

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Type/ Tech:       | Ultra Fine Touch Technology (IR Recognition)              |
| Touch Resolution: | 32768 × 32768                                             |
| Touch Point:      | Windows: 40 points of touch, Android : 20 points of touch |

**INPUT**

|        |                                                        |
|--------|--------------------------------------------------------|
| HDMI:  | 2.0 x 3 (3840x2160 @60Hz, HDCP2.2, HDMI1 with CEC/ARC) |
| RS232: | x1                                                     |
| OPS:   | x1                                                     |
| WiFi:  | x 1 module slot                                        |

**OUTPUT**

|        |                   |
|--------|-------------------|
| HDMI:  | x1 (4K@60Hz)      |
| Audio: | x1 (Earphone out) |
| SPDIF: | x1 (optical)      |

**LAN**

|       |    |
|-------|----|
| RJ45: | x2 |
|-------|----|

**USB**

|         |                                            |
|---------|--------------------------------------------|
| Type A: | 2.0 x 2<br>3.0 x 4                         |
| Type B: | x2, for touch                              |
| Type C: | x1 ( DP 1.2, USB2.0, PD65W, Ethernet 100M) |

**SPEAKERS**

|  |                             |
|--|-----------------------------|
|  | 20W x 2 + 20W x 1 subwoofer |
|--|-----------------------------|

**TOP CAMERA PLATE**

Yes

EMBEDDED OS

Android 11 (upgradable to Android 13)

BUNDLE SOFTWARE

Basic Annotation Software: myViewBoard

Pro Annotation Software: myViewBoard for Windows (Embedded in Windows Slot-in PC)

Wireless Presentation: vCast/myViewBoard Display App

SPECIAL FEATURES

All-in-one USB port: "SmartPort™ USB" to all channels.

Simple LAN sharing between IFP and slot-in device: Yes

Light Sensor: Yes

POWER

Voltage: 100-240VAC +/- 10% Wide Range

Consumption: 158W(typ.), 0.5W (off)

ERGONOMICS

Wall Mount (VESA® ): 800 mm x 600 mm

OPERATING CONDITIONS

Temperature (° C): 0°C to 40°C

Humidity: 10% ~ 90% RH non-condensing

DIMENSIONS (W X H X D)

Physical (inch / mm): 77.1 x 45.7 x 3.5 in / 1958 x 1160 x 90 mm

Packaging (inch / mm): 83.6 x 53.0 x 11.0 in / 2123 x 1345 x 280 mm

WEIGHT

Net (lb / kg): 150.8lb/68.4kg

Gross (lb / kg): 200lb/90.7kg

REGULATIONS

cTUVus, FCC/ICES003, Energy Star 8.0, EMC/CE, CB/LVD, GOST-R/EAC, UkrSEPRO, EPEAT, Mexico NOM , Mexico Energy, UKCA, UK-EEL, BSMI, BIS, LBL( Low Blue Light Certification), Flicker Free, Green BOM, RoHS, ErP-Eco, REACH, SCIP, WEEE, TPCH , Packing waste, CA65, PAIA

PACKAGE CONTENTS

1. Power cord
2. Remote control with AAA battery
3. Touch USB cable
4. Touch pen x 2  
(VB-PEN-009)
5. Quick Start Guide + Compliance statement
6. RS232 adapter
7. Clamp x 5
8. Camera Plate
9. Screw x 8
10. HDMI cable

COMPATIBLE SLOT-IN PC

- VPC25-W33-O1-1B
- VPC25-W53-O1-1B
- VPC27-W53-O1-1B
- VPC27-W55-O2-1B