



VIEWBOARD

# ViewBoard IFP8650-5F

## Key Features

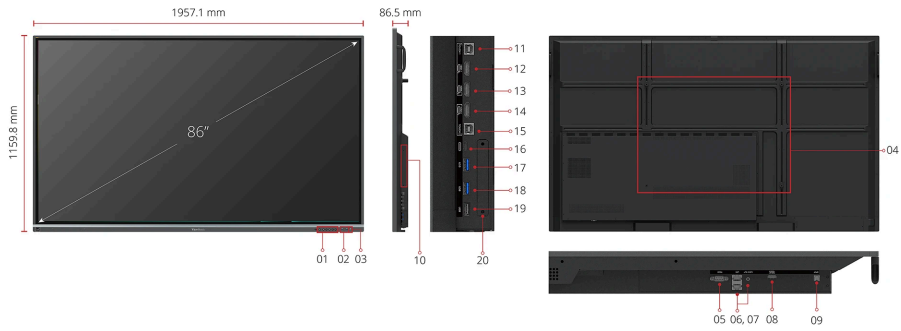
- Ultra Fine Touch Technology offering up to 40-point touch for a pen-on-paper writing experience
- myViewBoard Whiteboard software with engaging classroom tools
- Screen share via USB-C or wirelessly via myViewBoard Display and ViewBoard Cast with Airplay and Chromecast
- Intuitive remote device control 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 colours 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
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**USB**

Type A:	2.0 x 2 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
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**TOP CAMERA PLATE****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
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**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



Yes

**EMBEDDED OS**

Android 11 (upgradable to Android 13)

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