VIEWBOARD

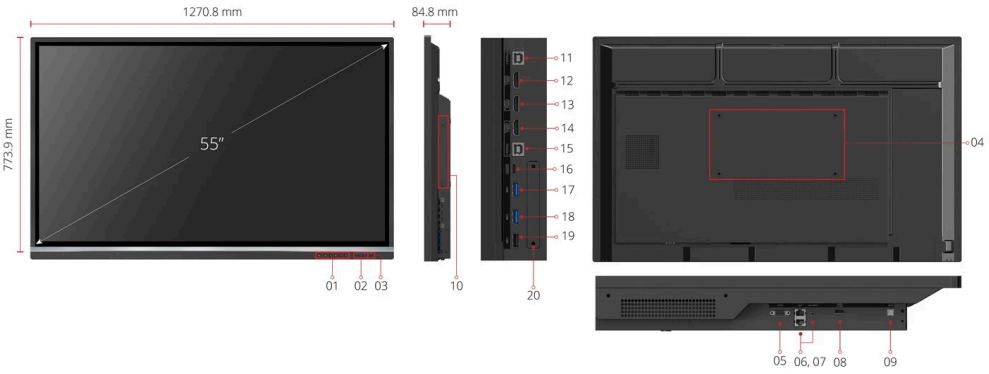
# ViewBoard 5550-5F

## 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® 50-5 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® 50-5 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® 50-5 Series brings together hardware and software for a complete classroom solution. Compatible with a full line of accessories, the ViewBoard® 50-5 Series enables you to effectively teach with a variety of engaging tools.




1. Menu Control
2. USB 3.0
3. USB 2.0
4. VESA® Wall Mount (400x200mm)
5. RS-232
6. LAN
7. AUDIO OUT
8. HDMI OUT
9. SPDIF
10. OPS Slot
11. TOUCH 1
12. HDMI 1
13. HDMI 2
14. HDMI 3
15. TOUCH 2
16. USB Type-C
17. USB 3.0
18. USB 3.0
19. USB 2.0
20. Wi-Fi Module Slot

**Visit Us** www.viewsonic.com

## DISPLAY

| | |
|---|---|
| Panel Size: | 55" |
| Panel Type: | TFT LCD Module with DLED Backlight. IPS |
| Display Area (mm): | 1209.6(H) x 680.4 (V) |
| Aspect Ratio: | 16:9 |
| Resolution: | UHD 3840x2160 |
| Colors: | 1.07B colors (8bit+FRC) |
| Brightness: | 350 nits (typ.) |
| Contrast Ratio: | 1200:1 (typ.) 5000:1 (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 |

## PLATFORM

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

## TOUCH

| | |
|---|---|
| Type/ Tech: | Ultra Fine Touch Techology (IR Recognition) |
| Touch Resolution: | 32767×32767 |
| 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 (Line 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

12W x 2 + 16W x 1 subwoofer

## TOP CAMERA PLATE

Yes

## EMBEDDED OS

Android 11 (Upgradable to Android 13)

## BUNDLE SOFTWARE

| | |
|---|---|
| Basic Annotation Software: | myViewBoard |
| Pro Annotation Software: | Pro Annotation Software: myViewBoard for Windows (Embedded in Windows Slot-in PC) |
| Wireless Presentation: | vCast/myViewBoard Display App / AirSync*<br><br>*myViewBoard Display will be replaced by AirSync in Q1 2025. |

## SPECIAL FEATURES

| | |
|---|---|
| All-in-one USB port: | “SmartPort™ USB” to all channels. |
| Simple LAN sharing between IFP and slot-in device: | Simple LAN sharing between IFP and slot-in device |
| Light Sensor: | Yes |

## POWER

| | |
|---|---|
| Voltage: | 100-240VAC +/- 10% Wide Range |
| Consumption: | 89W(typ.), 0.5W (off) |

## ERGONOMICS

| | |
|---|---|
| Wall Mount (VESA® ): | 400mm x 200 mm |

## OPERATING CONDITIONS

| | |
|---|---|
| Temperature (º C): | 0°C to 40°C |
| Humidity: | 10% ~ 90% RH non-condensing |

## DIMENSIONS (W X H X D)

| | |
|---|---|
| Physical (inch / mm): | 50.03 x 30.47 x 3.34 in / 1270.8 x 773.9 x 84.8 mm |
| Packaging (inch / mm): | 55.16 x 33.82 x 8.66 in / 1401 x 859 x 220 mm |

## WEIGHT

| | |
|---|---|
| Net (lb / kg): | 58.2lb/26.4kg |
| Gross (lb / kg): | 78.26lb/35.5kg |

## 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

VPC2-O series • VPC2-O-B series • VPC25-W33-O1-1B • VPC27-W53-O1-1B • VPC12-WPO-17 • VPC12-WPO-18

Copyright © ViewSonic Corporation 2000-2026. All rights reserved.