VIEWBOARD

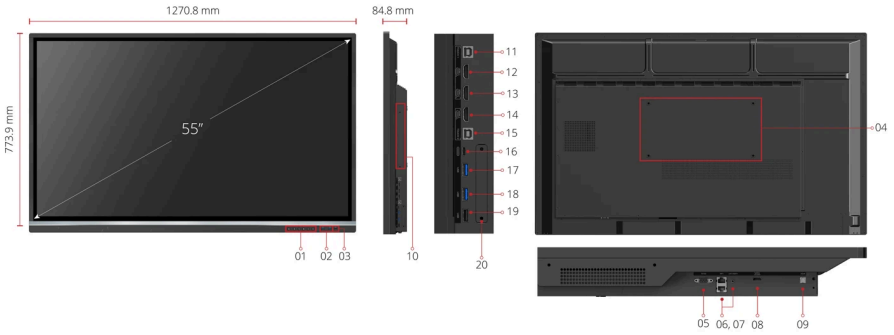
ViewBoard 5550-5

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

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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:	4GB
Storage:	32GB

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 (Earphone out)
SPDIF:	x1 (optical)

LAN

RJ45:	x2

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

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* *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

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