# **Key Features**

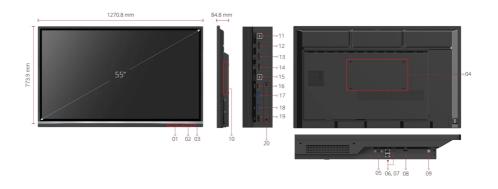
- Ultra Fine Touch
   Technology offering up to
   40-point touch for a pen on-paper writing experience
- myViewBoard Whiteboard software with engaging classroom tools
- Screen share via USB-C or wirelessly via myViewBoard Display and ViewBoard Cast with Airplay and Chromecast
- Intuitive remote device 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
 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 (400x200mm)
 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

### 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:	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
Туре В:	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**

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
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:  ERGONOMICS	89W(typ.), 0.5W (off)
Wall Mount (VESA® ):	400mm x 200 mm
OPERATING CONDITIONS	400mm x 200 mm
Temperature (° C):	0°C to 40°C
Humidity:	10% ~ 90% RH non- condensing
DIMENSIONS (W X H X D)	C
DIMENSIONS (WANAD)	
Physical (inch / mm):	49.9 x 30.4 x 3.3 in / 1268 x 773 x 85 mm
Physical (inch / mm):	1268 x 773 x 85 mm 56.2 x 34.6 x 8.7 in /
Physical (inch / mm):  Packaging (inch / mm):	1268 x 773 x 85 mm 56.2 x 34.6 x 8.7 in /
Physical (inch / mm): Packaging (inch / mm): WEIGHT	1268 x 773 x 85 mm 56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):	1268 x 773 x 85 mm 56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm 58.2lb/26.4kg
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP-
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPRC Mexico Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, G Eco, REACH, SCIP, WEEE, TPCH	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP-
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMexico Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, GECO, REACH, SCIP, WEEE, TPCH PAIA	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP-
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMexico Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, C Eco, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, D, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMEXICO Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, CECO, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS  1. Power cord	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, D, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPRO Mexico Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, G Eco, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS  1. Power cord  2. Remote control with AAA battery	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, D, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPRC Mexico Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, CECO, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS  1. Power cord  2. Remote control with AAA battery 3. Touch USB cable	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, D, EPEAT, Mexico NOM, SMI, BIS, LBL( Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMEXICO Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, GECO, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS  1. Power cord  2. Remote control with AAA battery 3. Touch USB cable  4. Touch pen x 2	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL (Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMEXICO Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, G Eco, REACH, SCIP, WEEE, TPCH PAIA  PACKAGE CONTENTS  1. Power cord  2. Remote control with AAA battery 3. Touch USB cable  4. Touch pen x 2  (VB-PEN-009)	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL (Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,
Physical (inch / mm):  Packaging (inch / mm):  WEIGHT  Net (lb / kg):  Gross (lb / kg):  REGULATIONS  cTUVus, FCC/ICES003, Energy St CB/LVD, GOST-R/EAC, UkrSEPROMEXICO Energy, UKCA, UK-EEL, B Light Certification), Flicker Free, GECO, REACH, SCIP, WEEE, TPCH 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	1268 x 773 x 85 mm  56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm  58.2lb/26.4kg  78.3lb/35.5kg  tar 8.0, EMC/CE, O, EPEAT, Mexico NOM, SMI, BIS, LBL (Low Blue Green BOM, RoHS, ErP- , Packing waste, CA65,

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 2000-2024. All rights reserved.