ViewSonic® | Education

ViewBoard® Interactive Displays

Newly upgraded ViewSonic® IFP50 Series
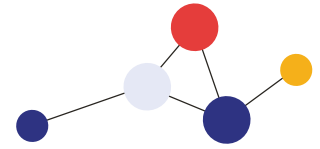
Limitless Collaboration and Endless Creativity

## Connect. Collaborate. Create.

Designed to help classrooms connect, collaborate and create, the newly upgraded IFP50 series of interactive displays delivers exactly what you need to drive engagement, energize and motivate students, and make teaching more fun.

Featuring state-of-the-art touch display technology, ViewBoard interactive displays deliver an ultra-smooth, natural handwriting experience. With stunning 4K resolution, upgradeable slot-in PC options, and secure myViewBoard® software, these interactive displays offer a customizable, secure, and future-proof whiteboarding solution for any classroom or huddle space.
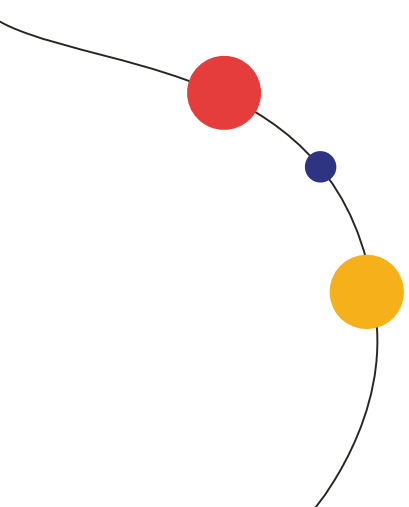
ViewSonic myViewboard® software is a powerful tool that enables teachers to build dynamic lesson plans, import engaging content, and share lessons with students.

Whether yours is a Windows, Android, Mac or Chrome environment, myViewBoard works well with existing technology and seamlessly integrates into nearly any classroom.

Google for Education

- **myViewBoard:** A digital whiteboard designed to run on all operating systems. It's ideal for use on large touchscreen displays, but will also run on non-interactive screens such as a laptop screen, where mouse clicks replace touch for interaction.

Manager

- **Manager**: The included Manager™ software enables IT admin to securely setup, manage and maintain all of your school's digital displays from a centralized dashboard.

Classroom

- **Classroom:** Classroom is an online teaching tool packed with a variety of features to help you effortlessly create and manage a classroom environment in the digital space that connects you to your students wherever they may be.

IFP9850

IFP8650

IFP7550

IFP6550

IFP5550
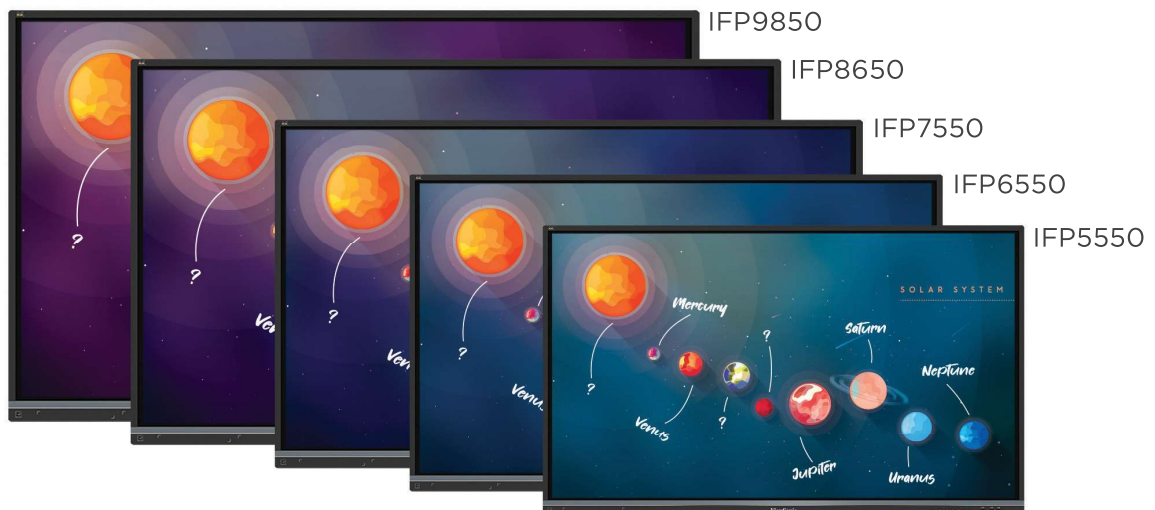
ViewBoard Cast enables content streaming from any device onto a ViewSonic display over wireless or cable networks.

- **Wirelessly share content from any device:** Stream content from Windows, Mac, iOS, Android, and Chromecast devices onto a ViewSonic display. Instant streaming means no valuable meeting time or class time is wasted.

- **Multi-screen sharing:** Up to four users can simultaneously annotate content (such as documents, cloud files, multimedia, etc.) on their devices in real time. That content can then be streamed and shared onto the ViewBoard display via four split screens.

- **Remote touch control:** A host can remotely access and control a presenter's Windows or Mac device via touch control on the ViewBoard display. Touch annotations on the ViewBoard display will then appear on the controlled device.
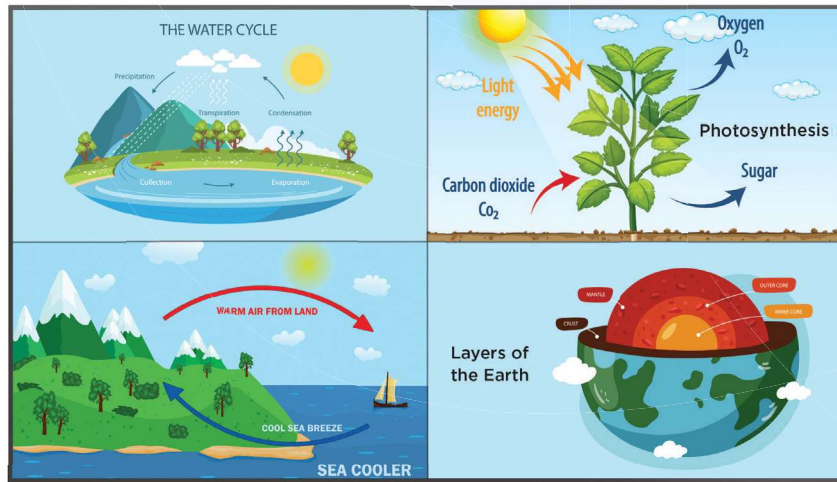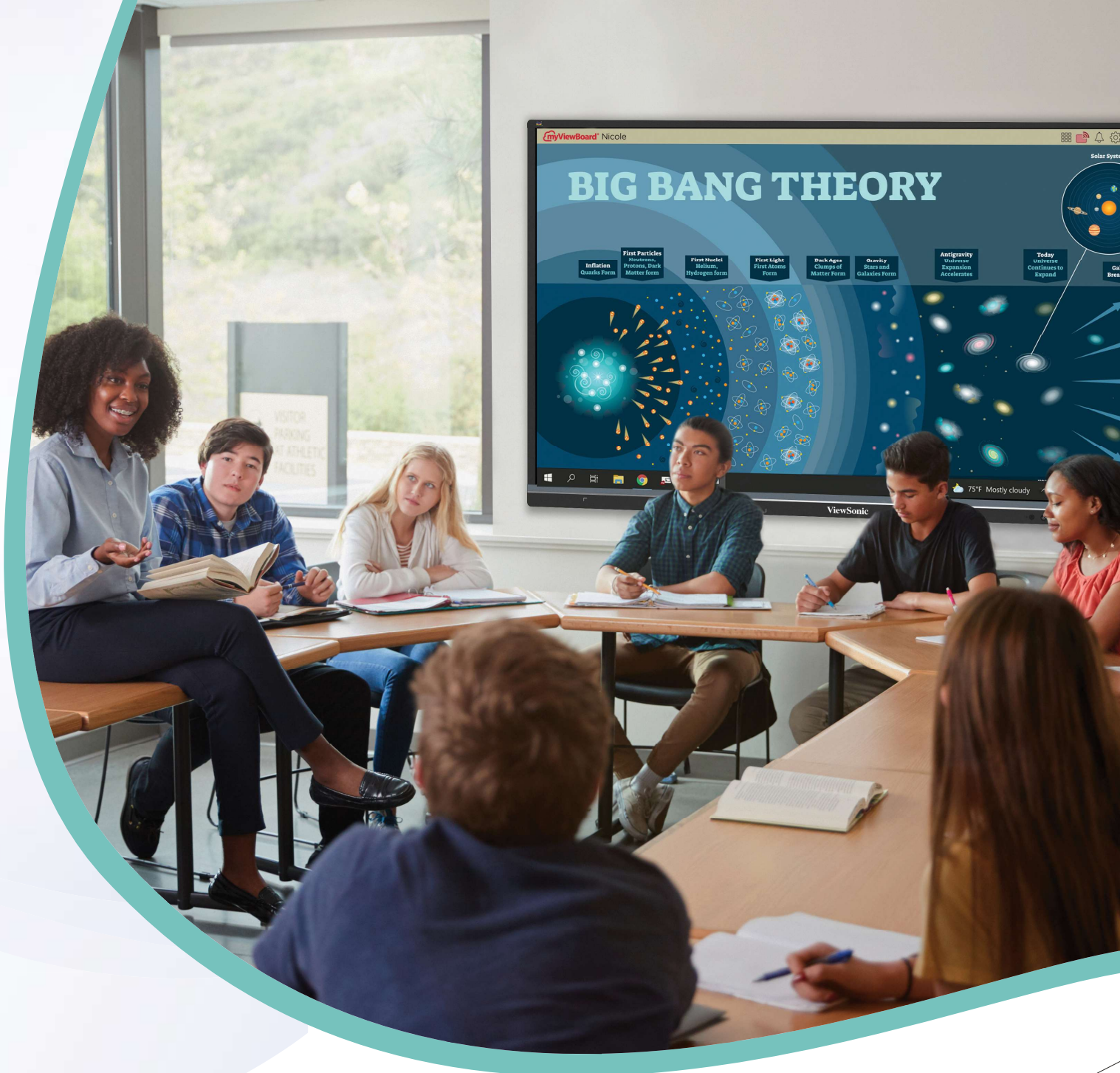
Drive Engagement, Energize and Motivate Students

ViewBoard Specifications

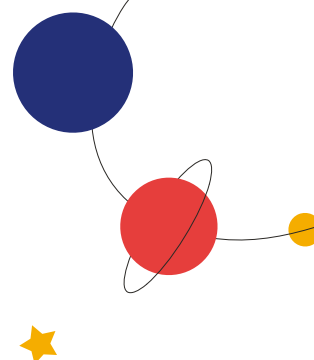|	Model	IFP5550	IFP6550	IFP7550	IFP8650	IFP9850
Display	Panel Size	55"	65"	75"	86"	98"
	Type/Tech	TFT LCD Module with DLED Backlight, IPS				
	Display Area (mm)	1209.6(H) x 680.4 (V) (54.64" Diagonal)	1428.48(H) × 803.52(V) (64.5" Diagonal)	1650.24(H) × 928.26(V) (74.5" Diagonal)	1913.0(H) x 1084.0 (V) (85.6"Diagonal)	2171.85(H) x 1232.35(V) (97.52"Diagonal)
	Aspect Ratio	16:9				
	Native Resolution	UHD 3840x2160 (Pixels)				
	Colors	1.07B Colors (8 Bit+FRC)				1.07B Colors (10 Bit)
	Brightness	350 Nits (Typ.)				
	Contrast Ratio	1200:1 Typ., 5000:1 Max. (DCR Enabled)				
	Response Time	8ms				6ms
	Viewing Angles	H = 178, V = 178 (Typ.)				
	Backlight Life	50,000 Hours				
	Surface Treatment	Hardness: 7H Mohs Scale/ 9H Pencil Hardness, Anti-Glare Coating				
	Haze	25%				28%
	Orientation	Landscape				
Platform	Processor	Quad core ARM Cortex-A73+Quad core ARM Cortex-A53				ARM Cortex A73*4 (1.8GHz)
	RAM	4GB DDR4				
	Storage	32GB				
Touch	Type/Tech	IR Recognition				
	Touch Resolution	32767 x 32767				
	Touch Point	Windows: 40 Android: 20				20
	Response Time	≤10ms				
	Pen Tips Size	2.5mm/8mm				
Input	HDMI-In	x3				
	RGB/VGA	N/A				x1
	Audio	N/A				x1
	RS232	x1				
	OPS	x1				
	HDMI-Out	x1				
	Audio	x1				x1 (Earphone Out)
	SPDIF	x1				
	RS232	N/A				x1
LAN	RJ45	x2 (1 In and 1 Out) (10/100/1000M) (USB Type-C 10/100, Android & PC 10/100/1000)				9850: x1
USB	Type-A	6				5
	Type-B	2				
	Type-C	1				
Speakers		12W x 2 + 16W x 1				16Wx2
Embedded OS		ViewBoard OS				
Bundle Software	Basic Annotation Software	Whiteboard				
	Wireless Casting	ViewBoard Cast + Display				
	Remote Device Management	Manager				
Special Features	Smart USB Ports	Yes				
	Windows Ink	Yes				
	Light Sensor	Yes				
Power	Voltage	100-240VAC +/- 10% Wide Range				
	Consumption	On: 89W; Off: <0.5W	On: 95W; Off: <0.5W	On: 135W; Off: <0.5W	On: 175W; Off: <0.5W	192.5(Typ.) < 0.5 W ("Off")
Wall Mount (VESA®)		400 x 200	600 x 400	800 x 400	800 x 600	800 x 600
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)	49.9 x 30.4 x 3.3 in/ 1268 x 773 x 85 mm	58.6 x 35.3 x 3.5 in/ 1488 x 897 x 90 mm	67.3 x 40.2 x 3.5 in/ 1710 x 1020 x 90 mm	77.1 x 45.7 x 3.5 in/ 1958 x 1160 x 90 mm	88.4 x 52.1 x 3.6 in/ 2245 x 1323 x 91 mm
	Packaging (Inch/mm)	56.2 x 34.6 x 8.7 in/ 1428 x 878 x 220 mm	65.7 x 39.8 x 8.8 in/ 1669 x 1010 x 223 mm	76.0 x 44.9 x 11.0 in/ 1930 x 1140 x 280 mm	83.6 x 53.0 x 11.0 in/ 2123 x 1345 x 280 mm	97.8 x 58.8 x 14.8 in/ 2483 x 1493 x 376 mm
Weight	Net (lb/kg)	58.2 lb/26.4 kg	89.3 lb/40.5 kg	118.8 lb/53.9 kg	150.8 lb/68.4 kg	228.4 lb/103.6 kg
	Gross (lb/kg)	78.3 lb/35. 5kg	109.6 lb/49.7 kg	158.5 lb/71.9 kg	200 lb/90.7 kg	293.7 lb/133.2 kg
Regulations		VSA:US NRTL w/ CA,FCC,DOE Energy Star,DOE EPEAT	VSA:US NRTL w/ CA, FCC-B w, FCC,DOE Energy Star, DOE EPEAT	VSA:US NRTL w/ CA, FCC-B w, FCC,DOE Energy Star, DOE EPEAT	VSA:US NRTL w/ CA, FCC-B w, DOE Energy Star, DOE EPEAT	VSA:US NRTL w/ CA,FCC, DOE Energy Star,CEC
Low Blue Ligtht (LBL Certificate)		Yes				
Energy Star Version		ES8.0				
Package Contents		1. 3m Power Cord by Ship Area 2. Remote Control with AAA Battery 3. 3USB touch screen cable 4. Touch Pen x2 (VB-PEN-009) 5. Quick Start Guide + Compliance statement 6. RS232 Adapter 7. Clamp x5 8. Camera Plate 9. Screw x8 (Camera 2+2, Wall Mount x4) 10. HDMI Cable 3m	1. 3m Power Cord by Ship Area 2. Remote Control with AAA Battery 3. USB touch screen cable 4. Touch Pen x2 (VB-PEN-009) 5. Quick Start Guide + Compliance Statement 6. RS232 Adapter 7. Clamp x5 8. Camera Plate 9. Screw x8 (Camera 2+2, Wall Mount x4) 10. HDMI Cable 3m	1. 3m Power Cord by Ship Area 2. Remote Control with AAA Battery 3. USB touch screen cable 4. Touch Pen x2 (VB-PEN-009) 5. Quick Start Guide + Compliance Statement 6. RS232 Adapter 7. Clamp x5 8. Camera Plate 9. Screw x8 (Camera 2+2, Wall Mount x4) 10. HDMI Cable 3m	1. 3m Power Cord by Ship Area 2. Remote Control with AAA battery 3. USB touch screen cable 4. Touch Pen x2 (VB-PEN-009) 5. Quick Start Guide + Compliance Statement 6. RS232 Adapter 7. Clamp x5 8. Camera Plate 9. Screw x 8 (Camera 2+2, Wall Mount x4) 10. HDMI Cable 3m	1. 3m Power Cord by Ship Area 2. Remote Control with AAA Battery 3. USB touch screen cable 4. Touch Pen x2 (VB-PEN-009) 5. Quick Start Guide + Compliance Statement 6. RS232 Adapter 7. Clamp x5 8. Camera Plate 9. Screw x8 (Camera 2+2, Wall Mount x4) 10. HDMI Cable 3m 11. USB Type-C Cable
Compatible Accessories	Slot-in PC	VPC2C-W33-O1, VPC2C-W33-O1-1B, VPC25-W53-O1, VPC25-W53-O1-1B, VPC25-W53-O2, VPC25-W53-O2-1B, VPC27-W55-O2, VPC27-W55-O2-1B				
	WiFi Card	VB-WIFI-001, VSB050				
	Camera	VB-CAM-001, VB-CAM-002, VB-CAM-201, VB-VIS-002, VB-VIS-003				
	Audio	VB-AUD-201				
	Stylus	VB-PEN-009				
	Wall Mount	WMK-047-2				
	Wireless Presentation	VB-WPS-001, VB-WPS-003, VB-BOX-001				
	Carts	VB-STND-001, VB-STND-002, VB-STND-003, VB-STND-004, VB-STND-005			VB-STND-001, VB-STND-002, VB-STND-004, VB-STND-005	

**With a few simple optional accessories,
your ViewBoard display can become the ultimate integrated solution.**

Mobile Mounting Options

VB-STND-001, VB-STND-002, VB-STND-003, VB-STND-005

Sturdy rolling carts are certified UL and ADA compliant for safety and accessibility. Select models include motorized lift and tilt features.

Fixed Mounting Options

WMK-047-2, VB-STND-004

Easy-to-install fixed wall mounts and floor stands are certified UL and ADA compliant for safety and accessibility.

Windows® Slot-in PCs

VPC Series

Provides additional computing power, touch functionality, and storage
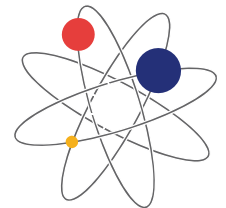
Chromebox

NMP760

Delivers a familiar, easy-to-use Google interface for creating, saving, and sharing content

Wireless Internet Module

VB-WIFI-001

Delivers faster Wi-Fi and support for Bluetooth 5.2

Webcams and Speakerphones

VB-AUD-001

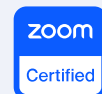Conference speakerphone with 360 degrees sound and four integrated microphone arrays

VB-CAM-002

1080p USB camera with built-in camera and privacy lens

VB-CAM-201

4K UHD Ultra-wide camera with speaker and four-microphone array with noise and echo cancellation

VB-VIS-002

8-megapixel USB document camera with microphone