ViewBoard® 75" 4K Interactive Display

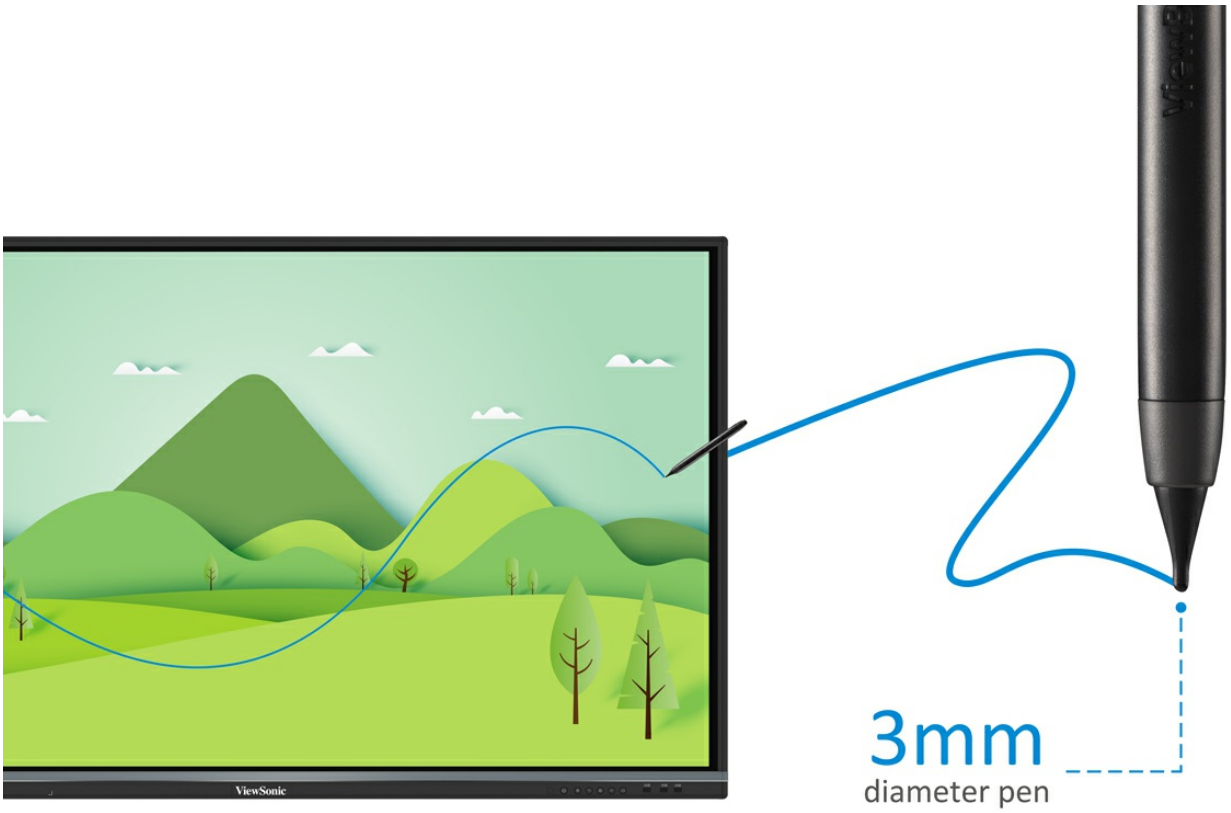
IFP7550-2

- UFT (Ultra Fine Touch) Technology
- myViewBoard™ digital whiteboard software
- ViewBoard® Cast 4-way split screen content sharing software
- SmartPort™ shared front USB ports for internal & external PCs
- 2.1 Stereo sound with built-in subwoofer

The ViewBoard® IFP50-2 series embraces UFT (Ultra Fine Touch) Technology to offer more precise writing and faster processing time than traditional IR panels. Smooth, dual-pen writing with our new, slim 3mm pens enables groups of teachers and students to work efficiently on any detailed tasks that require the use of accurate, fine-tipped pens. The ViewBoard® IFP50-2 series is designed with a slim bezel to broaden your viewing experience so that even at the edge of the panel you can write clearly and confidently. Integrated myViewBoard™ digital whiteboard software allows users to collaborate on the go, while ViewBoard® Cast provides 4-way, split-screen content sharing.

UFT Technology

Ultra Fine Touch Technology produces a lag-free, pen-on-paper writing experience. Writing accuracy is greatly improved and student-teacher interaction flows more naturally thanks to real-time response rates, dual-pen recognition and our new 3mm tipped pens.

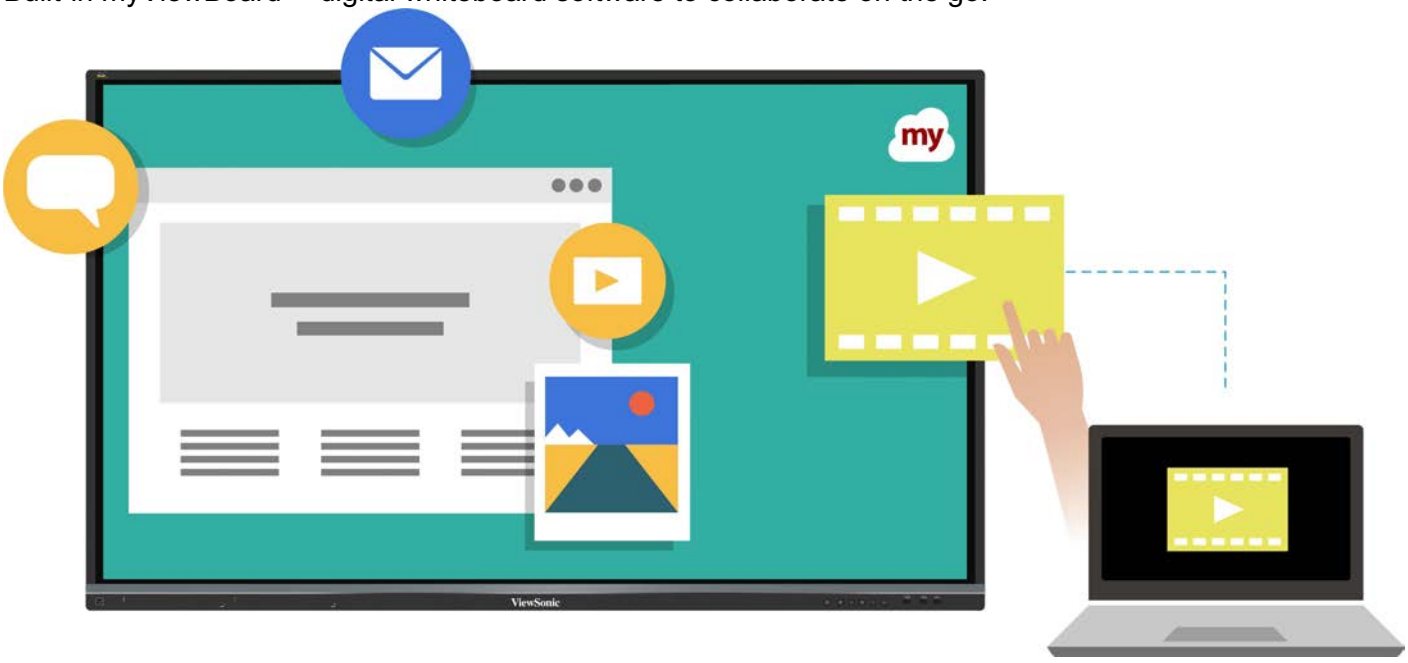


Dual-Pen

Automatically detect pen diameter (8mm & 3mm) and write simultaneously with different colours and thicknesses.

Full Native Performance on embedded OS

Built-in myViewBoard™ digital whiteboard software to collaborate on the go.

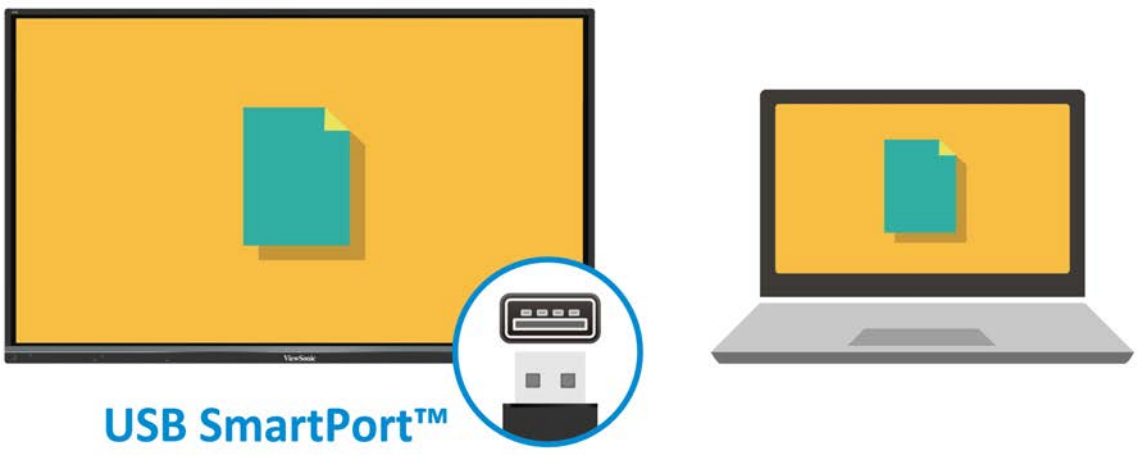


4-way Split Screen

4-way split screen content sharing with built-in ViewBoard® Cast software.

Shared USB Ports

SmartPort™ shared front USB ports for internal & external PCs.



Stereo Sound

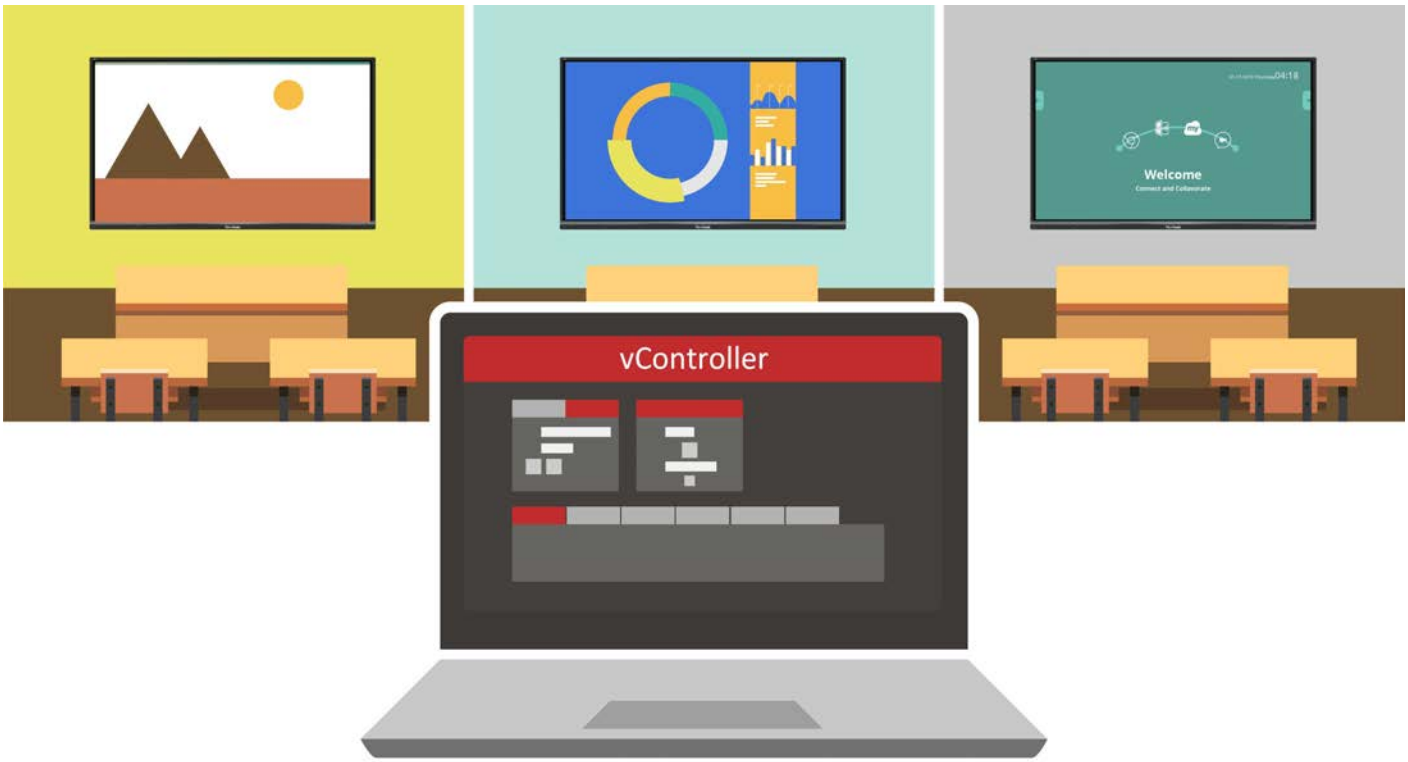
2.1 Stereo sound with a built-in subwoofer.

Faster Internet

GigaLAN provides a faster, more powerful internet connection.

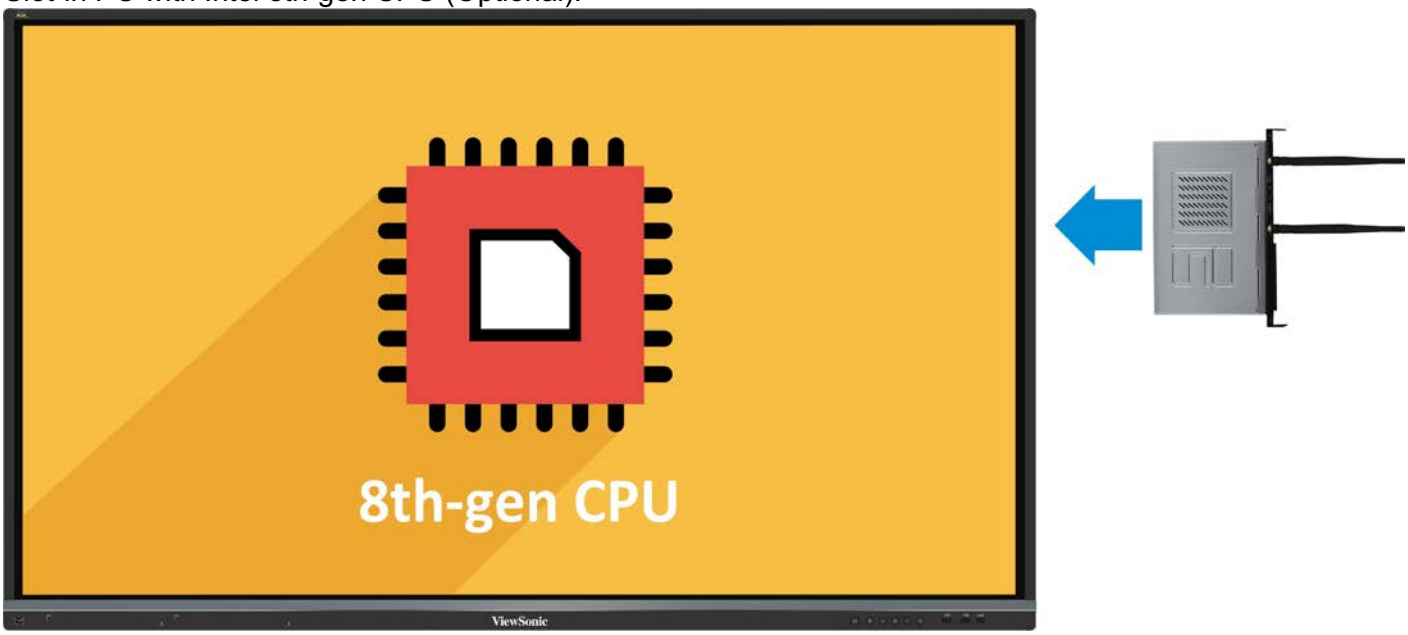
Remote Control

Built-in RS232 port and vController software for remote control.



Slot-in PC

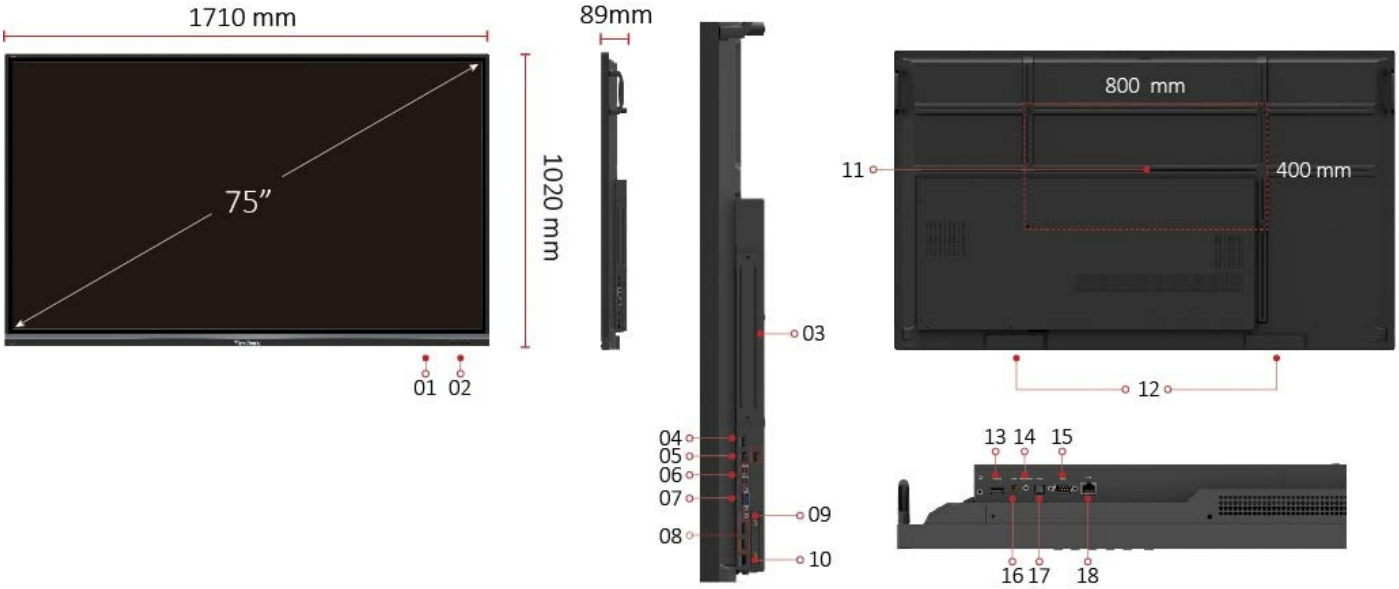
Slot-in PC with Intel 8th-gen CPU (Optional).



Web Camera

Top-mounted 1080p web camera (Optional).

I/O Ports



1. MENU CONTROLS
2. USB X 3
3. Intel Unite® Certified OPS Slot
4. HDMI OUT
5. USB 3.0
6. TOUCH X 2
7. VGA
8. HDMI IN X 2

9. AUDIO IN
10. CAMERA PORT
11. VESA® WALL Mount 800x600 mm
12. INTERNAL SPEAKERS
13. USB 2.0
14. AUDIO OUT
15. RS232
16. AV IN
17. SPDIF
18. LAN

Technical Specifications

Display	**Panel Size**	75"
	Type/Tech	TFT LCD Module with DLED Backlight.
	Display Area (mm)	1665.66 (H) x 944.73 (V) (74.5” diagonal)
	Aspect Ratio	16:9
	Native Resolution	UHD 3840x2160(Pixels)
	Colours	1.07B colours (10bit)
	Brightness	350 nits (typ.) 300 nits (min.)
	Contrast Ratio	1100:1 Typ.
	Response Time	8ms
	Viewing Angles	H = 178, V = 178 typ.
	Backlight Life	30,000 Hours (Min)
	Surface Treatment	Anti-Glare
	Bezel	Slim
	Orientation	Landscape
Platform	**Processor**	ARM Cortex A73 dual-core 1.2GHz
	RAM	2GB DDR4
	Storage	16GB
Touch	**Type/ Tech**	IR Recognition
	Touch Resolution	32767 x 32767
	Touch Point	20 points touch, 10 points writing
INPUT	**HDMI**	2.0 x3 (3840x2160 @60Hz)
	RGB / VGA	x1
	Audio	x1 (PC audio in)
	CVBS	x1
	RS232	x1
	OPS	x1 PC Slot (proprietary)
OUTPUT	**HDMI**	x1
	Audio	x1 (Earphone out)
	SPDIF	1(optical)
	RS232	x1
LAN	**RJ45**	x1
USB	**Type A**	USB 2.0 x4(including 2 USB port in fromt) USB 3.0 x2(including 1 USB port in fromt)
	Type B	x2, for touch
SPEAKERS	**SPEAKERS**	10W x 2 + 15W x 1

Camera plate on top for screw-in webcam installation	**Camera plate on top for screw-in webcam installation**	Yes
COMPATIBILITY	**RGB PC/HDMI PC**	Refer to timing table
	CVBS	480i
	HDMI	3840x2160
Embedded OS	**Embedded OS**	Android 7
USB SUPPORTED FILE FORMAT	**USB SUPPORTED FILE FORMAT**	Picture - BMP, JPEG, PNG Video - Codec: MPEG1, MPEG2, MPEG2-PS, MPEG4, MKV Container: MPG, MP4, MOV, VOB, DAT, MKV Audio - Codec: AAC, HEAAC, MPEG1, MPEG2 Container: AAC, M4A, MP3
Bundle Software	**Basic Annotation Software**	myViewBoard
	Pro Annotation Software	myViewBoard for windows (Embedded in Windows Slot-in PC)
	Wireless Presentation with Touch Feedback: Viewboard Cast	yes
	Zoom	Yes
	ViewSonic Launcher	Embedded
Special Features	**All-in-one USB port (combine Windows/Android USB port; no need to distinguish them anymore)**	Front “SmartPort USB” to all channels.
	Simple LAN sharing between IFP and slot-in device	yes
Power	**Voltage**	100-240VAC +/- 10% Wide Range
	Consumption	138W (Typ.) < 0.5 W ("Off")
ERGONOMICS	**Wall Mount (VESA®)**	800 x 400
OPERATING CONDITIONS	**Temperature (° C)**	0°C to 40°C
	Humidity	10% ~ 90% RH non-condensing
DIMENSIONS (W x H x D)	**Physical (inch / mm)**	67.3 x 40.2 x 3.5 in / 1710 x 1020 x 90 mm
	Packaging (inch / mm)	76.0 x 44.9 x 11.0 in / 1930 x 1140 x 280 mm
WEIGHT	**Net (lb / kg)**	117.40 lb / 53 Kg
	Gross (lb / kg)	151.35 lb / 69 Kg
REGULATIONS	**REGULATIONS**	FCC, cTUVus, CB, CE, BSMI, RCM, BIS, EAC
Energy Star version	**Energy Star version**	ES7.1
EEI rating	**EEI rating**	A+
PACKAGE CONTENTS	**PACKAGE CONTENTS**	1. Power cable(3 meters) x 4 2. Remote control 3. USB cable(5 meters) 4. AV cable 5. Touching pen x 2 6. Quick Start Guide 7. RS232 adapter 8. Clamp x 5 9. Plate 10. Screw x 8 11. HDMI cable

Compatible Slot-in PC	Compatible Slot-in PC	VPC14-WP series VPC10-WP series VPC15-WP series VPC16-WP series VPC17-WP series