

# ViewSonic® VIEWBOARD

## ViewBoard IFP8653

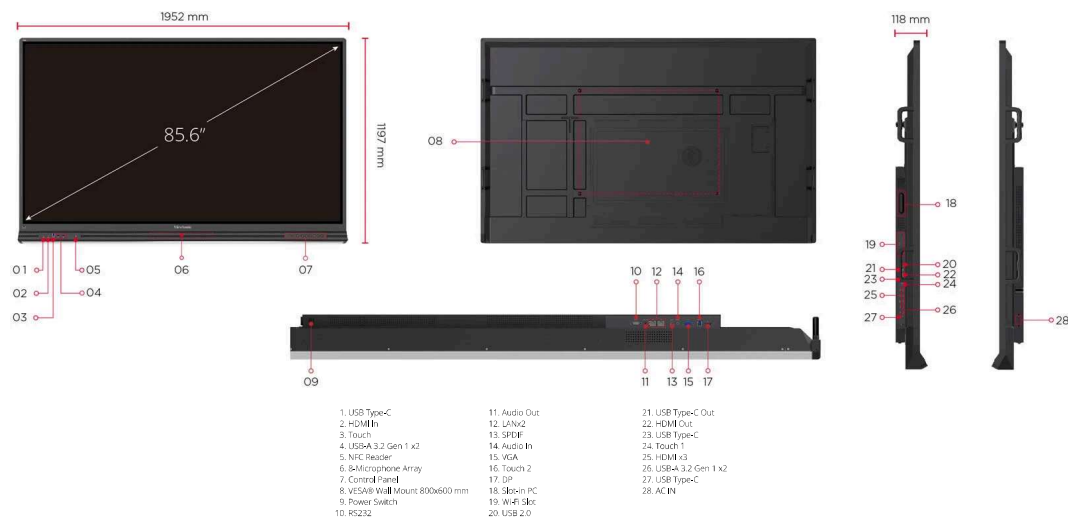
### Key Features

- NFC and SSO sign-in for swift access to the intuitive launcher and personal settings
- Quick-start annotation, sketching, and four-color switching with the stylus
- Octa-core CPU with 8GB RAM and 8GB virtual memory for smooth multitasking
- Four USB-C ports ensure seamless connectivity, supporting up to 100W charging
- Android 14 with integrated ViewSonic Education Software



### Product Description

Discover the future of interactive learning with the dynamic ViewBoard® IFP53 Series. Enhancing convenience, its SSO and NFC card sign-in functions provide quick access to personalized launchers and cloud storage. With quick-start annotation and the ability to rapidly switch between four colors, you can capture thoughts the moment inspiration strikes. Equipped with Android 14, it features a powerful high-performance octa-core processor complemented by 8GB RAM and 8GB virtual memory, ensuring seamless connectivity and uninterrupted productivity. The integrated ViewSonic Education Software completes the experience, fostering collaboration and engagement in classrooms with interactive digital tools designed to maximize students' potential.



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DISPLAY

|                    |   |
|--------------------|---|
| Panel Size:        | 86"   |
| Panel Type:        | TFT LCD Module with DLED Backlight            |
| Display Area (mm): | 1895.04 (H) x 1065.96 (V) (86.5" diagonal)    |
| Aspect Ratio:      | 16:9  |
| Resolution:        | UHD 3840x2160(Pixels)                         |
| Colors:            | 1.07B colors                                  |
| Brightness:        | 450 nits                                      |
| Contrast Ratio:    | 1200:1(Typ.)<br>5000:1(Min. with DCR enabled) |
| Response Time:     | 8 ms  |
| Viewing Angles:    | H = 178, V = 178 typ.                         |
| Backlight Life:    | 50,000 hrs                                    |
| Surface Treatment: | Hardness: 7H. Anti-glare coating              |
| Orientation:       | Landscape                                     |

PLATFORM

|            |  |
|------------|--|
| Processor: | Octa-Core CPU (A73*4 + A53*4)            |
| RAM:       | 8GB (Physical RAM) + 8GB (Virtual Ram) * |
| Storage:   | 128GB                                    |

TOUCH

|                   |  |
|-------------------|--|
| Type/ Tech:       | UFT (Ultra Fine Touch) Technology                  |
| Touch Resolution: | 32767 x 32767                                      |
| Touch Point:      | Windows: 40 points touch, Android: 20 points touch |

INPUT

|              |  |
|--------------|--|
| HDMI:        | x4 ( Frontx1:HDMI2.1 with CEC ; Rearx3: (HDMI2.1 with CEC)x2 & (HDMI2.1 with CEC, ARC)x1 |
| RGB / VGA:   | x1   |
| DisplayPort: | x1   |
| Audio:       | x1 (PC audio in)   |
| RS232:       | x1   |
| OPS:         | module slot x 1  |

OUTPUT

|        |                   |
|--------|-------------------|
| HDMI:  | x1                |
| Audio: | x1 (Earphone out) |
| SPDIF: | x1                |

LAN

|       |    |
|-------|----|
| RJ45: | x2 |
|-------|----|

USB

|         |  |
|---------|--|
| Type A: | USB3.0x4 (Frontx2; Rearx2)<br>USB2.0x1 (Rear)  |
| Type B: | USB3.0x3 (Frontx1; Rearx2)   |
| Type C: | Input:x3 (Frontx1 with USB3.0, DP1.2, Ethernet 100M, PD 100W; Rearx1 with USB3.0, DP1.2, Ethernet 100M, PD 65W; Rearx1 with USB3.0, PD 15W)<br>Output:x1, DP |

SPEAKERS

|  |
|--|
| 20W x 2 front soundbar + 20W x 1 subwoofer |
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MICROPHONE

|                             |
|-----------------------------|
| built-in 8-array microphone |
|-----------------------------|

TOP CAMERA PLATE

|     |
|-----|
| Yes |
|-----|

EMBEDDED OS

|            |
|------------|
| Android 14 |
|------------|

BUNDLE SOFTWARE

|                            |   |
|----------------------------|---|
| Basic Annotation Software: | myViewBoard for Android                   |
| Pro Annotation Software:   | myViewBoard for Windows (embedded in VPC) |
| Wireless Presentation:     | Display, vCast                            |
| Device Management:         | Manager                                   |
| ViewSonic Launcher:        | Yes                                       |

SPECIAL FEATURES

|  |  |
|--|--|
| All-in-one USB port:                               | USB 3.0 "SmartPort USB" to all channels.                   |
| Simple LAN sharing between IFP and slot-in device: | 10/100/1000M (USB Type-C 10/100, Android & PC 10/100/1000) |
| Light Sensor:                                      | Yes  |
| NFC Reader:  | Yes  |
| Pen Sensor:  | Yes  |

POWER

|              |                               |
|--------------|-------------------------------|
| Voltage:     | 100-240VAC +/- 10% Wide Range |
| Consumption: | On:131.53W / Off: <0.5W       |

ERGONOMICS

|                      |           |
|----------------------|-----------|
| Wall Mount (VESA® ): | 800 x 600 |
|----------------------|-----------|

OPERATING CONDITIONS

|                    |                             |
|--------------------|-----------------------------|
| Temperature (° C): | 0°C to 40°C                 |
| Humidity:          | 20% ~ 80% RH non-condensing |

DIMENSIONS (W X H X D)

|                        |  |
|------------------------|--|
| Physical (inch / mm):  | 76.87 x 47.13 x 4.66 in / 1952.4 x 1197.2 x 118.4 mm |
| Packaging (inch / mm): | 85.04 x 51.17 x 8.86 in / 2160 x 1310 x 225 mm       |

WEIGHT

|                  |                      |
|------------------|----------------------|
| Net (lb / kg):   | 139.66 lb / 63.35 kg |
| Gross (lb / kg): | 179.01 lb / 81.2 kg  |

REGULATIONS

|   |
|---|
| DOE EPEAT, DOE Energy Star, CE EMC, LVD or CB, RoHS Green BOM & RoHS DoC, ErP (2009/125/EC), REACH SVHC List & DoC, EEL, , WEEE, BSMI, Green Mark |
|---|

PACKAGE CONTENTS

|   |
|---|
| 1. 3m power cord by ship area                                 |
| 2. Type C cable 1.8m(USB-IF certified)                        |
| 3. Remote control with AAA battery<br>(new VS remote control) |
| 4. 3m touch USB cable(USB 2.0)                                |
| 5. Touch pen x 2 (VB-PEN-002)                                 |
| 6. Quick Start Guide  |
| 7. RS232 adapter  |
| 8. Clamp x 5  |
| 9. Camera Plate   |
| 10. Screw x 8 (camera 2+2, wall mount 4)                      |
| 11. HDMI cable 3m(HDMI LA certified)                          |
| 12. AAA Battery x 2   |
| 13. Compliance statement                                      |

COMPATIBLE SLOT-IN PC

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| VPCF5-W33-G1<br>VPC37-W53-G1<br>VPC35-W53-G1<br>VPC-A31-O1 |
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NOTE

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| *Disclaimer for Virtual RAM Usage:<br>This device's Virtual RAM uses part of the internal storage to potentially enhance performance. It's not a substitute for physical RAM and might impact storage availability and device longevity. Users should assess their needs before enabling this feature. Note that performance outcomes can vary based on application use and device conditions. The manufacturer may modify or discontinue this feature at any time without notice. |
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