

ViewSonic® ViewBoard® IFPG1 Interactive Displays



SMARTER, MORE SECURE CLASSROOM COLLABORATION

Flexible and Reliable Digital Whiteboards

Unlike traditional interactive displays that can introduce security risks into your classroom, ViewSonic® ViewBoard® IFPG1 interactive displays are built differently. By omitting an operating system (OS), these innovative displays deliver rock-solid security without sacrificing flexibility.

When combined with a ViewSonic® VPC-A31-O1 slot-in PC, our ViewSonic ViewBoard IFPG1 interactive displays offer greater touch interactivity, more complete software solutions, Android™ EDLA certification and more when compared to similar displays from SMART.*



ViewSonic ViewBoard IFPG1 Interactive Displays:

- **No OS, No Problems:** The absence of an operating system eliminates the environment malware needs to operate, significantly reducing the chance of cyberattacks.
- **Zero Updates and Upgrades:** Without an OS, there's no software that will eventually become outdated and obsolete - which often results in vulnerabilities and weaknesses that lead to cyberattacks.
- **Reduced Data Leakage:** With ViewBoard IFPG1 displays, there is no local storage of data or information. This significantly reduces the chances of data breaches.

ViewSonic VPC-A31-O1 Slot-in PCs:

- **Advanced Security:** With Android™ EDLA (Enterprise Devices Licensing Agreement) certification, your school is protected with a suite of device management and monitoring tools provided by Google Workspace for Education (Google subscriptions may be required for accessing certain advanced features).
- **Hundreds of Apps:** Access third-party apps through the Google Play Store with a single sign-on. Enjoy Google Drive, Sheets, Slides, Docs, Project Management and more.
- **Safe and Reliable:** Features such as password protection, two-step authentication, data encryption and more ensure that privacy and security standards are met.



For more information contact your ViewSonic representative today.

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	VIEWSONIC IFPG1+VPC-A31-O1	SMART MX series
Software	ViewSonic Whiteboard, TeamOne, Display, vCast, Manager	SMART Notebook®, Optional SMART Learning Suite, SMART In [®] and SMART Product Drivers
OPS PC module	Optional - Windows or Android EDLA	Optional - Windows Only
Remote Management	Complimentary Manager Basic	Subscription for the length of the warranty
Display	IFPG1 Series	MX series
Screen sizes (diagonal)	55", 65", 75", 86"	55", 65", 75", 86"
Resolution	4K UHD (3840 × 2160)	4K UHD (3840 × 2160)
Refresh rate	60 Hz	60 Hz
Lifespan	≥ 50,000 hours	≥ 50,000 hours
LCD quality	Grade A	Grade A
Brightness (maximum)	55" >=350 cd/m ² ; 65", 75", 86" >=400 cd/m ²	55": ≥ 300 cd/m ² ; 65", 75", 86": ≥ 400 cd/m ²
Display response time	≤ 8 ms	≤ 8 ms
Glass	Panel Anti-Glare 3H, Glass Anti-Glare + Anti-Fingerprint (7H Mohs; 9H pencil hardness)	55": Fully heat-tempered, anti-glare; 65", 75", 86": Fully heat-tempered, bonded, anti-glare
Sensors	Ambient light, infrared	Ambient light, infrared
Touch technology	Advanced infrared	HyPr Touch™ with Advanced IR
Continuous touch points (fully differentiated)	Up to 40 touch points (OS dependent)	Up to 20 touch points (OS dependent)
Interaction types	Pens, touch	Pens, touch, gesture, palm erase
Tools included	Pens, touch, gesture, palm erase	Pens (x2)
Pen type	Passive pen	Battery-less pen
Pen (and eraser) holders	Magnetic, frame-mounted	Magnetic, frame-mounted
Embedded Android experience	VPC-A31-O1 Slot-in PC	Embedded Android
Operating system	Android version 13 EDLA	Android version 11.0
Memory	8GB DDR 4	8 GB DDR
Storage	128 GB	32 GB (up to 544 GB)
Updates	Over-the-air (OTA)	Automatic OTA
Network connectivity (Wired)	1 in 1 out (10/100/1000M) (USB Type-C 10/100M, OPS 1000M)	RJ45 (x2) 1000BASE-T
Network connectivity (Wi-Fi)	WiFi 6	IEEE 802.11ax (Wi-Fi 6) supporting WEP, WPA, WPA2, PSK, WPA3, and 802.1X EAP authentication protocols
Bluetooth	BT5.2	5.2 dual mode
Device connection options (screencast)	AirPlay: Google Cast™, Miracast, Screencast app, Web app, Your favorite video conferencing software (any network), Screencast any device on the same network	AirPlay: Google Cast, Miracast, Screencast app, Web app, Your favorite video conferencing software (any network), Screencast any device, any network
Device connection options (whiteboard)	ViewSonic myViewBoard Whiteboard	Live whiteboard broadcast through any web browser, Contribution access through any web browser, including collaboration activities
Teacher control options (screencast)	Moderator mode supported vCast Receiver	Unmoderated: Moderated with 4x grid view
Video conferencing platform interoperability (Zoom™, Microsoft Teams™, Google Meet™, Webex®, and more)	Yes, to be downloaded from Google Play Store	Supports any platform on any connected computer, Add popular Android apps through iQ app store, Administrator installation through SMART Remote Management (included)
Convenience buttons	Power button: Yes, HW buttons: Menu, Touch on/off, Vol+, Vol-, Brightness +, Brightness -	Home, power, volume, input select, screen shade, freeze frame
Inputs	HDMI® 2.0 x3 (HDCP 1.4 and 2.2), VGA, Audio 3.5 mm, RS-232, RJ45, USB-C x2, USB-A 3.2 x4, USB-B 2.0 x2, USB-A 2.0	MicroSD slot, HDMI® 2.1 x3 (HDCP 1.4 and 2.3), RS-232, RJ45, USB-C x2, USB-A 2.0, USB-A 3.2 x4, USB-B 3.2 x3
Outputs	RJ45, S/PDIF, Audio 3.5 mm	Stereo 3.5 mm, S/PDIF, RS-232
Speakers	2*10W (L speaker + R speaker)	55": 2 integrated 15 W speakers; 65", 75", 86": 2 integrated 20 W speakers
Microphone	N/A	Integrated linear six-microphone array with support for onboard acoustic echo cancellation
OPS support	Yes	Yes
Wall mount bracket	Optional	Optional
Limited Warranty	3 Years, optional extended warranty to 7 years	3 Years, optional extended warranty to 7 years

*The comparisons stated herein are limited only to the specific features shown above.

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