

Specsheet

Prowise Touchscreen Max



21:9

92" 105"



16:9

65" 75" 86" 98"

The Prowise Touchscreen Max is a game-changer in interactive displays.

With a fully integrated Windows operating system and thoughtfully designed features, this interactive display seamlessly matches your way of teaching. Available in multiple sizes – including a unique 21:9 ultra-wide variant – the Prowise Touchscreen Max always offers the right fit for the modern classroom. In this specsheet, you'll discover all the highlights and find a complete overview of the technical specifications.

Windows 11

Traditionally, interactive displays in education run on Android, with Windows accessible only through additional investments in separate PC modules or laptops. The Prowise Touchscreen Max changes this with an integrated Windows 11 operating system, providing direct access to full versions of applications like Microsoft Teams and PowerPoint.



Familiar and intuitive use

Using the Prowise Touchscreen Max feels just like working on a laptop or PC—intuitive and familiar.

Access your work anywhere

Thanks to full Windows integration, you can easily access your files directly from the Prowise Touchscreen Max.

Multitasking with ease

With split-screen functionality, you maintain a clear overview, create a calm learning environment, and work more efficiently in the classroom.

Seamless app performance

Full versions of Microsoft applications, such as Teams and PowerPoint, run smoothly and flawlessly on the Prowise Touchscreen Max.

Microsoft Store

Use the Microsoft Store to easily download educational apps like Microsoft PowerPoint or Google Meet. Combined with Windows, the display works exactly the way you want – fully tailored to your teaching style.

Remote management

Since the device runs on Windows, you can manage the entire display remotely using platforms like Prowise Screen Control or Microsoft Intune.

Enhanced security

Windows provides an exceptionally secure environment with regular updates and stringent security standards.

Cost-efficiency

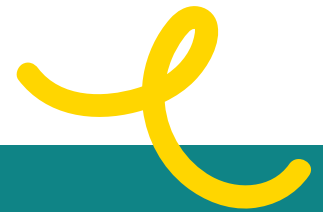
Unlike traditional interactive displays running on Android, which often require additional investment in PC modules or laptops, the Prowise Touchscreen Max eliminates this need, reducing costs.



Microsoft Store

The Microsoft Store gives you access to all the educational apps and programs you need in the classroom on the Prowise Touchscreen Max.

- ✔ Microsoft Teams
- ✔ Microsoft Powerpoint
- ✔ Google Meet
- ✔ Google Drive
- ✔ Skype
- ✔ Zoom
- ✔ GeoGebra
- ✔ Spotify
- ✔ Youtube



More space than ever

The Prowise Touchscreen Max offers an innovative widescreen format (21:9). This provides ample width to display multiple windows simultaneously, such as educational software, whiteboard tools, and weekly planning—all visible at once.

The ergonomic design ensures accessibility without needing to adjust screen height, promoting a natural working posture.



Customisable to your needs

The Prowise Touchscreen Max is incredibly fast, and all software runs more smoothly than ever. Thanks to our intelligent modular design, we ensure that the display can be perfectly tailored to your needs and preferences.

Would you like maximum performance, even more speed, or additional storage space? Choose the processor upgrade that aligns with your educational requirements, so the display meets the demands of your classroom.

This approach also extends the lifecycle of the display. In the future, you can adjust the display to meet new requirements. This is both sustainable and budget-friendly, as you won't need to replace your screen as quickly.

	Module 1	Module 2	Module 3	Module 4
Type	Intel i3-1215U	Intel i5-1340P	Intel i5-1350P vPro	Intel i9-13900H vPro
Operating system	Windows 11	Windows 11	Windows 11	Windows 11
Memory	16 GB	16 GB	16 GB	32 GB
Storage	256 GB	256 GB	512 GB	512 GB
Wifi	6E	7	7	7



Educational software Prowise Presenter

Bring the Prowise Touchscreen Max to life with interactive lessons full of 3D models, illustrations and smart tools. Prowise Presenter is intuitive software that lets you easily create your own lesson content or choose from ready-made templates in the extensive library. Prepare your lesson on your laptop and open it seamlessly on the display in the classroom.

Interactive lessons and annotations

Free software on the Prowise Touchscreen Max



Whiteboard software Prowise Teach

Prowise Teach is the digital whiteboard for every lesson. Write, draw and explain in a quick and clear way – ideal for class instruction, annotations or spontaneous explanations. Use handy tools such as a ruler or timer, and annotate directly over websites or PDFs. Soon, Teach will also include ready-made lessons and a rich media library, giving you everything you need for teaching and note-taking in one solution.



Maximum Impact with AI

The Prowise Teach whiteboard software includes smart AI features that give you, as a teacher, superpowers.

With intelligent AI text tools, you can edit texts exactly the way you want.

Make them longer or shorter so they always fit your lesson perfectly.

Effortlessly translate content into another language for every student.

This way, you stay in control of your lesson materials – and save valuable time.

With smart AI image tools, you can give your lesson materials a whole new dimension.

Easily remove backgrounds for clean visuals. Generate similar images or choose a completely different style.

This makes every explanation more engaging and visually powerful.

Perfect visual and audio quality

Enjoy breathtaking 5K visuals and immersive sound that fill the room

- ✔ 5K (21:9) and 4K (16:9) image quality
- ✔ Resolution: 5120×2160 (21:9) or 3840×2160 (16:9)
- ✔ 21:9 or 16:9 format
- ✔ Anti-glare technology and zero bonding 2.0
- ✔ 2.1 Audio Soundbar, Dolby certified
- ✔ 8 wide-area microphones



Unbeatable writing experience

The Prowise Touchscreen Max offers an unmatched writing experience, making it feel like pen-on-paper.

- ✔ Four pens with writing tips on both ends (two for the 16:9 model)
- ✔ Multi-colour writing
- ✔ 50 touchpoints & IR technology
- ✔ Handpalm recognition
- ✔ Windows Ink support



Annotate

Make notes on any website, PDF, or connected input source



Handpalm recognition

Rest your hand on the screen while writing

USB-C and casting

Integrated USB-C ports

All the benefits of USB-C

Thanks to the USB-C ports, the interactive display functions as a built-in docking station. With just one cable, you can connect for: audio, data, video, charging, touch control and internet.



Wireless

Screencasting

Share your screen on the Prowise Touchscreen Max from any device—or even up to 30 devices simultaneously. The experience is completely wireless without additional installations or costs, high quality and safe and secure.

- ✓ AirPlay
- ✓ Chromecast
- ✓ Miracast
- ✓ Pic-in-pic or full screen
- ✓ Waiting list for up to 36 participants

Control in the classroom



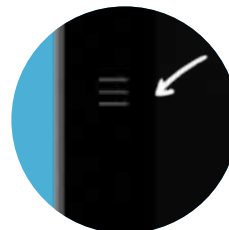
On-glass buttons

You link the three on-glass buttons to an action or programme yourself.



Prowise Magic Remote

With the optional Prowise Magic Remote you can click, point, magnify and spotlight content.



Menu

Quick access to most used menu items.

Your data, 100% protected

With the Prowise Touchscreen Max, your data is protected on an even 'wider' scale.

This state-of-the-art interactive display meets the highest standards and certifications for privacy, security, and safety.

Because we develop this display entirely in-house, we can guarantee that your data always remains yours. You can teach worry-free—we'll handle the rest.



Sustainable from start to finish

Your touchscreen. Our responsibility.

Control power usage

With three energy modes, you can decide how much energy your display consumes.

Extended lifespan

We are so confident in the durability of our displays that we now offer a standard 5-year warranty.

Black screen

Save on energy costs by turning the screen black when only audio (e.g., radio) is needed.



Exceptional security

With the Prowise Touchscreen Max, you can use the Prowise Screen Control MDM software package free of charge to centrally manage your interactive display remotely. The development of Prowise Screen Control has been certified by BSI, the global authority in cybersecurity.

MDM-software Prowise Screen Control

- ✓ Push apps
- ✓ Install updates
- ✓ Remotely turn on and off
- ✓ Security settings
- ✓ Specially designed for interactive displays



“Prowise is, so far, the only producer of educational software to have received such a certification.”

Source: www.bsi.bund.de

Technical specifications

PW.1.19065.0001, PW.1.19075.0001, PW.1.19086.0001, PW.1.18098.0001, PW.1.19092.0001, PW.1.19105.0001

Display

Bezel colour	Sandblasted aluminum (black)
Size	16:9: 65", 75", 86" & 98" 21:9: 92" & 105"
Panel technology	A-grade LED – IPS: 5K (21:9), 4K (16:9)
Resolution	16:9: 3840 x 2160 (4K) bij 60 Hz 21:9: 5120 x 2160 (5K) bij 60 Hz
Glass panel	Anti-glare, etched nanotexture
Display bonding technology	Zero bonding technology
Glass hardness	Mohs 7 (9H)
Aspect ratio	21:9 / 16:9
Contrast ratio	1200:1 (typ.)
Dynamic contrast ratio	5000:1
Brightness	16:9: 500 cd/m ² typ 21:9: 450 cd/m ² typ
Colour depth	10 Bit (1.07B)
Viewing angle	178°
Lifespan	50.000 hours

Touch-type

Type	High-end infrared
Multi-touch	Yes, 50 points
Writing in multiple colours	Yes
Touch precision	1 mm
Automatic calibration	Yes
Sunlight resistant	Yes
Supported OS	Windows 10 / 11 / Linux / MacOS X / Android
Pen-on-paper writing experience	Yes

Touch refresh rate	≥200Hz
Pen dock	Yes, with pickup recognition
Number of pens	16:9: 2 passive pens 21:9: 4 passive pens
Multi-colour writing	Yes
Writing in different thickness	Yes
Smart object selection	Yes
Handpalm recognition	Yes
Windows Ink support	Yes

Sound	
Speakers	2.1 Sound (2 speakers and subwoofer)
Speaker power	2x 20 W
Subwoofer	1x 20 W
Total amplifier output	95 W
Dolby certified	Yes

Microphones	
Type	Microfoon array, wide area
Number of microphones	8
Option to disable	Yes

Prowise Mainboard Module				
	i3-1215U	i5-1340P	i5-1350P vPro Enterprise	i9-13900H vPro Enterprise
Core count	6x physical 8x virtual	12x physical 16x virtual	12x physical 16x virtual	14x physical 20x virtual
Graphics	Intel® UHD Graphics for 12th Gen Intel® Processors	Intel® Iris® Xe Graphics eligible	Intel® Iris® Xe Graphics eligible	Intel® Iris® Xe Graphics eligible
Supported OS	Windows 11 - Pro for Education	Windows 11 - Pro for Education	Windows 11 - Pro	Windows 11 - Pro
Storage	256 GB	256 GB	512 GB	512 GB
Memory	16 GB	16 GB	16 GB	32 GB
WiFi	6E	7	7	7
Bluetooth	5.2	5.3	5.3	5.3
Intel vPro®-support	No	No	Yes	Yes
Over-the-Air updates (OTA)	Yes (Prowise Central until 2033)			

Accessories	
Numbers of pens	16:9: 2 passive pens 21:9: 4 passive pens
Extra pentips	Yes
Remote control	Yes, including batteries
Wifi-antenna	2x
Camera mount	Yes, with screw
Prowise 4K Camera	Optional
NFC cards	Optional
Prowise Magic Remote	Optional
Eraser	Optional
Vesa mount 100 x 100	Optional

Connectivity - docking board

HDMI 2.1 (HDCP2.3, CEC, ARC, 3840x2160 @ 60Hz)	1x
HDMI 2.1 (HDCP2.3, 3840x2160 @ 60Hz)	2x
USB-C (full function)	1x 100W power, USB, video, audio, touch (max resolution: 3840 x 2160 @ 60Hz)
DisplayPort 1.2	1x
Digital audio output SPDIF	1x TosLink optical
RS232 control	1x DB9 male
Intel vPro Control	Yes, vPro enabled pc-modules
USB-B-Touch 3.0	2x
USB 2.0	1x (for lift system)
LAN in/out port	2x (RJ45, 2,5 GB/s)
Pc module slot	Yes, 120-pins OPS-port

Connectivity - mainboard

Audio out / headphone	1x (mini-jack / 3,5 mm)
Microphone input	1x (mini-jack / 3,5 mm)
USB-A 3.2	4x
USB-C out	1x
HDMI out	1x

Connectivity - front

USB-C (full function)	1x 100W power, USB, video, audio, touch (max resolution: 3840 x 2160 @ 60Hz)
HDMI 2.1 (HDCP2.3, 3840x2160 @ 60Hz)	1x
USB-B-Touch (USB 3.0)	1x
USB-A 3.0	2x

Pen pick-up sensors

NFC (RFID) reader/writer	Yes
Motion sensors	Yes (2x PIR-sensor)
Light sensor	Yes
RF sensor	Yes, for Magic Remote

General information

Power supply	~ 100-240 V (50/60Hz)
Stand-by power consumption	≤ 0,5 W
Optional VESA Mount for external devices	VESA 100 x 100 mm
Certifications	CE / EMC / RED / RF / LVD; ERP Ecodesign; WEEE; RoHS; REACH; CB; EPA ENERGY STAR 8.0; HDMI; TÜV SÜD TRF visual ergonomics (Flicker free, low blue light, low reflection); UKCA; PSTI; Dolby Atmos
Warranty	Standard 5 years

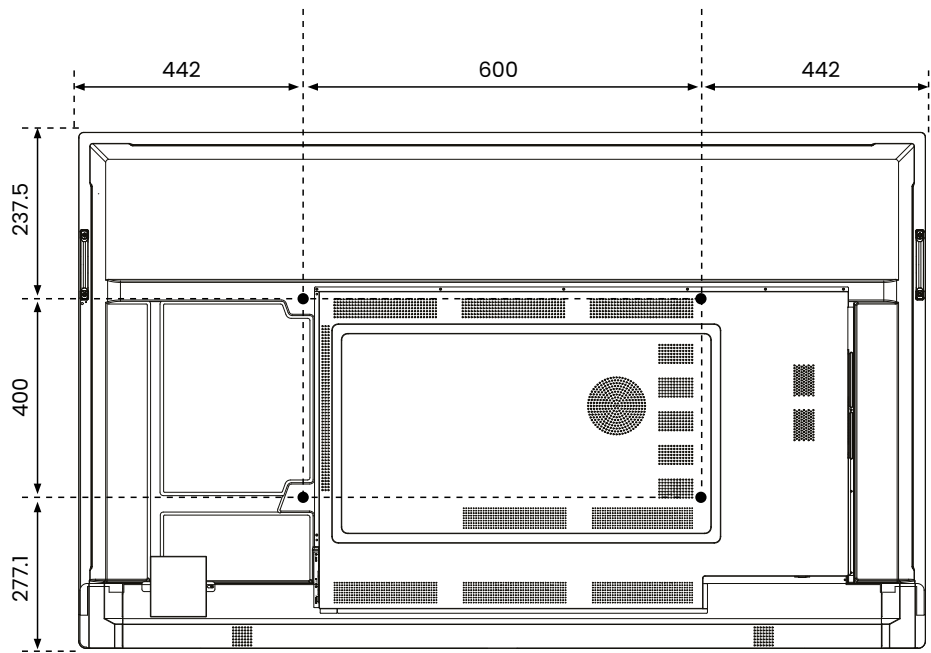
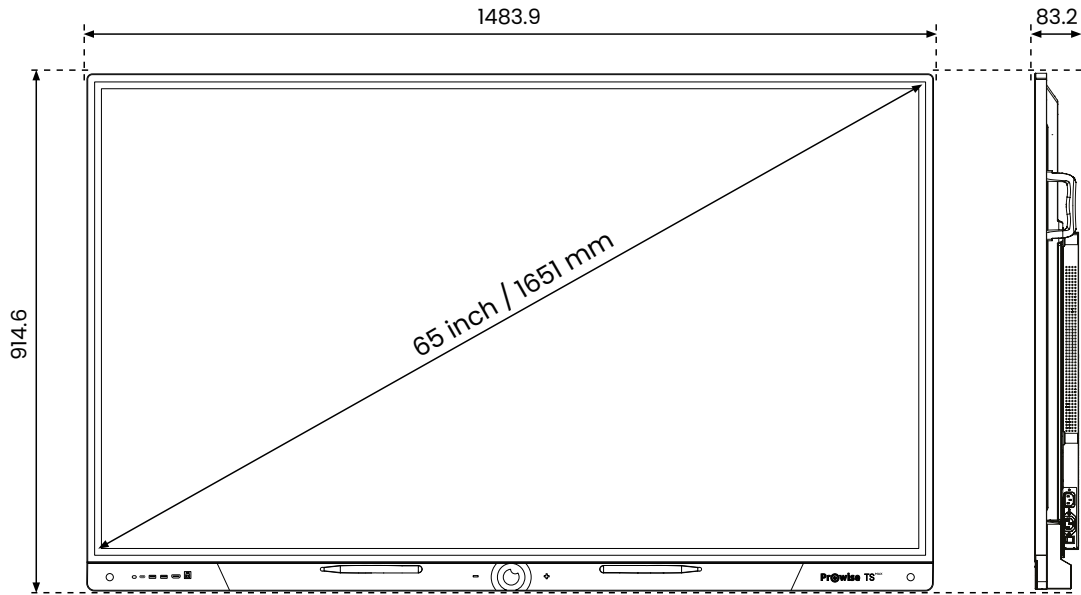
16:9	65"	75"	86"	98"
Gross weight	45.6 kg	60.3 kg	74.1 kg	141.8 kg ±1.5 kg
Net weight	38.6 kg	51.8 kg	63.5 kg	103.4 kg
Screen dimensions (wxdxh)	1483.9 x 83.2 x 914.6 mm	1705 x 83.2 x 1039 mm	1950.4 x 83.2 x 1177.1 mm	2229.2 x 122 x 1340 mm
Packaging dimensions (wxdxh)	1640 x 185 x 1010 mm	1860 x 185 x 1125 mm	2095 x 185 x 1265 mm	2470 x 325 x 1611 mm
VESA standard	600 x 400 mm	800 x 400 mm	800 x 600 mm	800 x 600 mm

21:9	92"	105"
Gross weight	78.5 kg	162 kg incl. pallet
Net weight	65 kg	97 kg
Screen dimensions (wxdxh)	2203 x 88.4 x 1019.5 mm	2512 x 103 x 1151 mm
Packaging dimensions (wxdxh)	2335 x 225 x 1122 mm	2700 x 325 x 1425 mm incl. pallet
VESA standard	800 x 600 mm	1000 x 400 mm

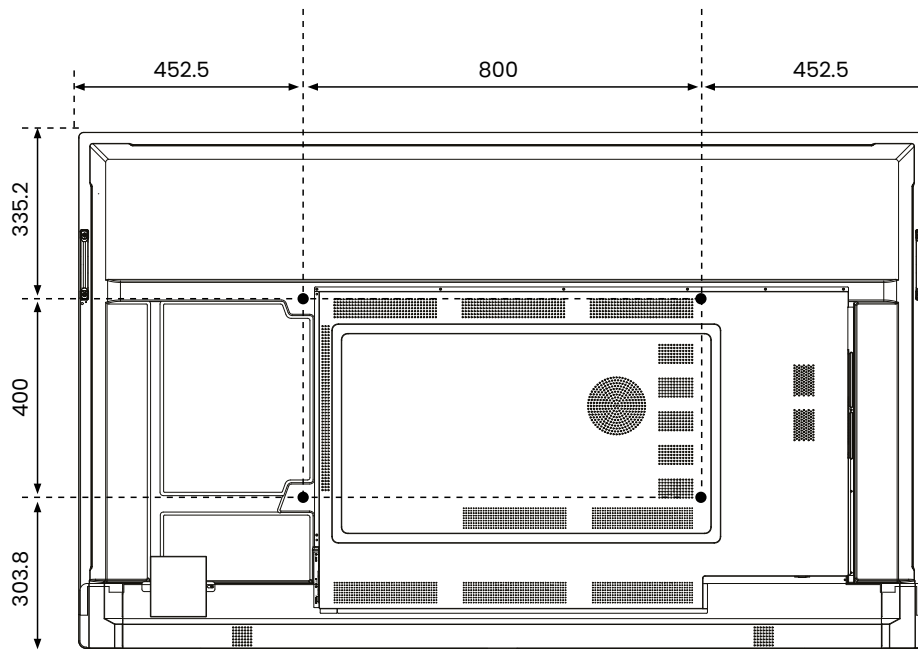
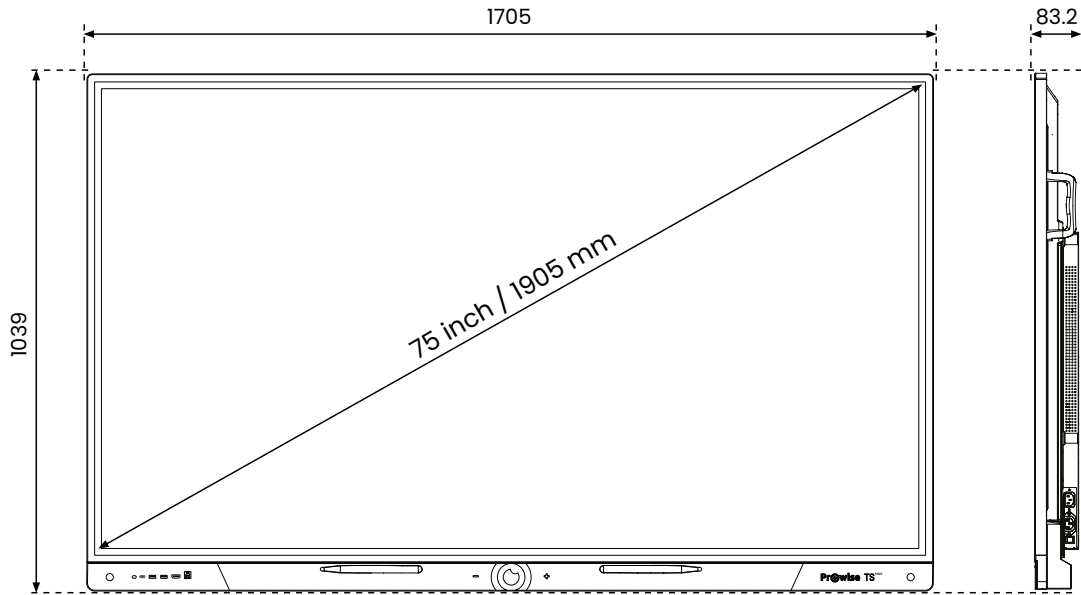
Environmental conditions

Operating temperature	0 °C to 38 °C / 32 to 100 °F
Storage temperature	-20 °C to 60 °C / -4 to 140 °F
Humidity (storage)	10% to 90%
Humidity (usage)	10% to 90%
Maximum operating time	16 hours per day

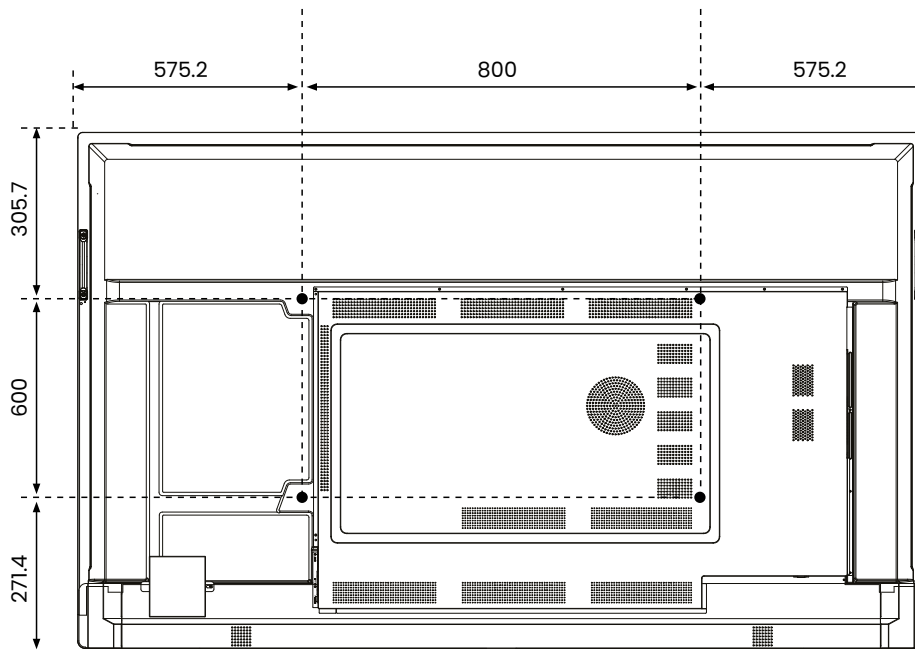
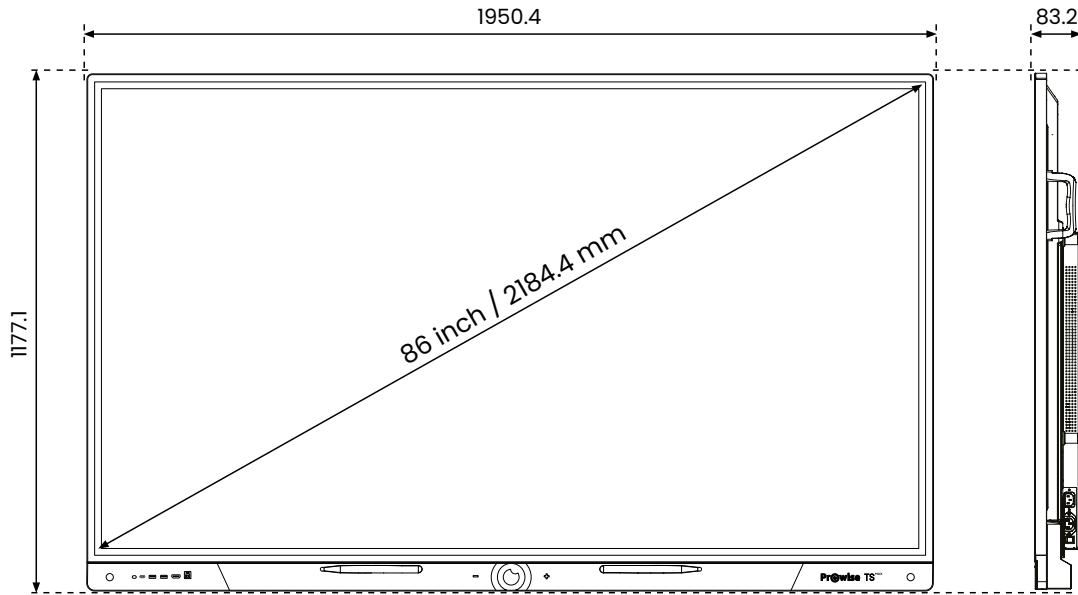
65 inch



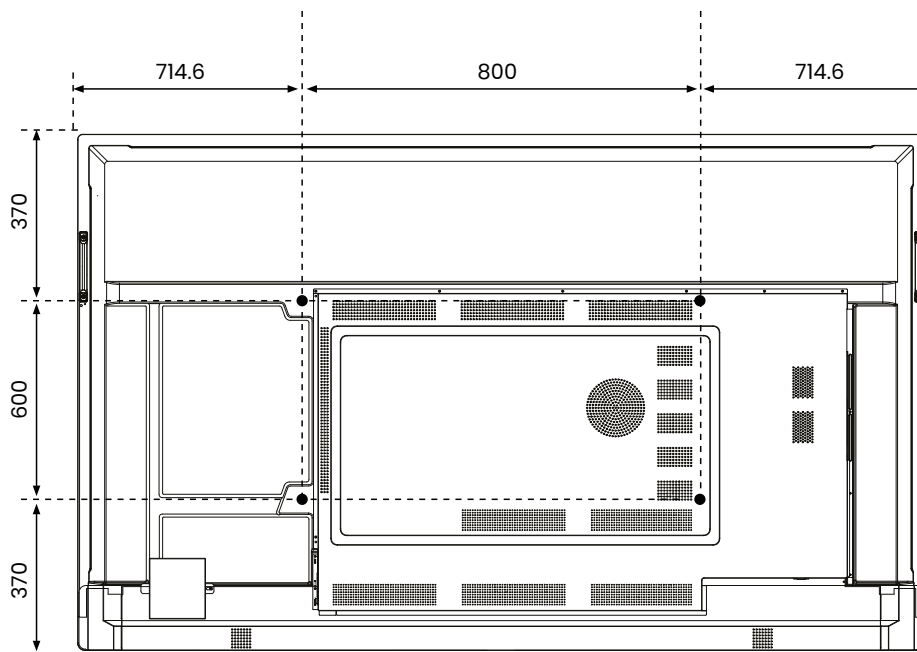
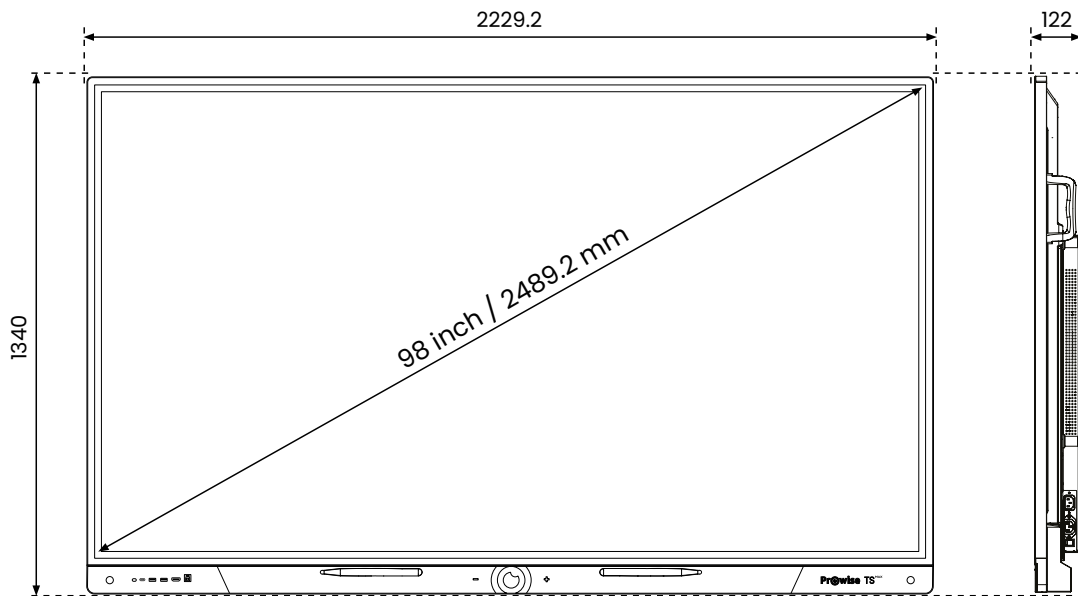
75 inch



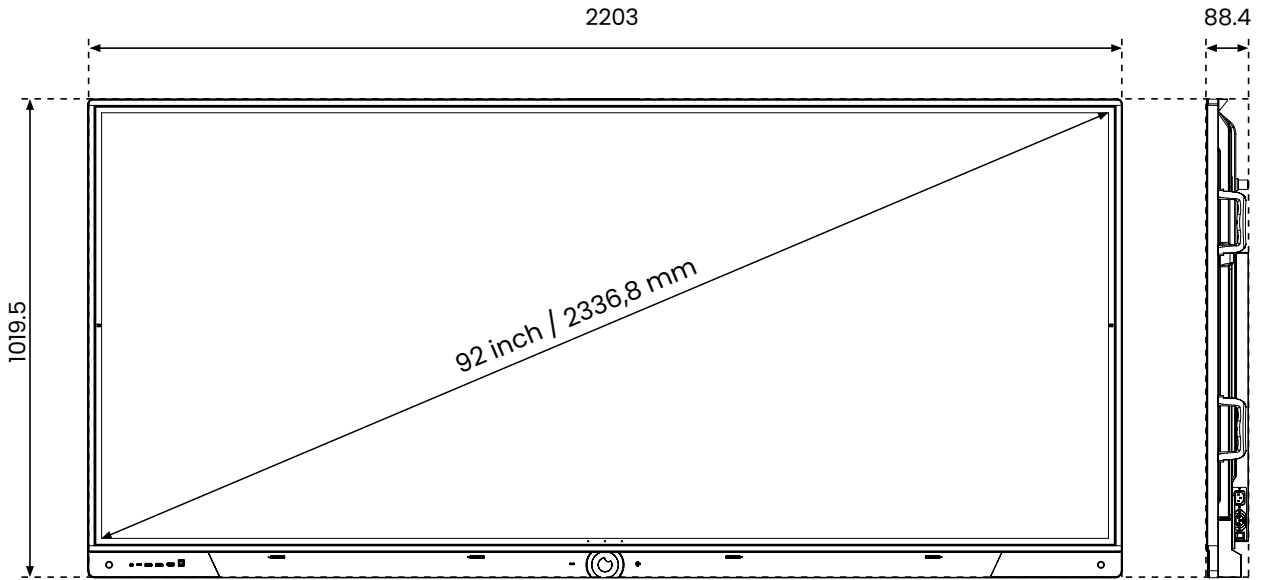
86 inch



98 inch



92 inch



105 inch

