

Technical specifications Prowise Touchscreen Max

PW.1.19065.0001 / PW.1.19075.0001 / PW.1.19086.0001 / PW.1.19098.0001 / PW.1.19092.0001 / PW.1.19105.0001



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

The extra-wide screen with fully integrated Windows operating system makes teaching more intuitive and organised than ever. In this spec sheet you'll get to know all the highlights, and of course you can also read through all the specs at your leisure in the detailed overview.

16:9

65"

75"

86"

98"

21:9

92"

105"

Display	
Bezel colour	Sandblasted aluminium (black)
Sizes	16:9: 65", 75", 86" & 98" 21:9: 92" & 105"
Screen technology	A-grade LED – IPS: 5K (21:9), 4K (16:9)
Resolution	16:9: 3840 x 2160 (4K) at 60 Hz 21:9: 5120 x 2160 (5K) at 60 Hz
Glass panel	Anti-glare, etched nano-texture
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/m2 typ 21:9: 450 cd/m2 typ
Colour depth	10 Bit (1.07B)
Viewing angle	178°
Lifespan	50,000 hours

Sound	
Speakers	2.1 Sound (2 speakers and subwoofer)
Front speakers	2x 20 W
Subwoofer	1x 20 W
Amplifiers for total output	95 W
Dolby certified	Yes

Touch type	
Type	High-end infrared technology
Multi-touch	Yes (50 points)
Writing in multiple colours	Yes
Touch accuracy	1 mm
Automatic calibration	Yes
Sunlight resistant	Yes
Supported operating systems	Windows 10 / 11 / Linux / MacOS X / Android
Pen-on-paper writing experience	Yes
Touch refresh rate	≥200Hz
Pen dock	Yes, with pick-up detection
Number of pens	16:9: 2 passive pens 21:9: 4 passive pens
Writing in multiple colours simultaneously	Yes
Writing in multiple thicknesses	Yes
Smart object selection	Yes
Palm rejection	Yes
Windows Ink support	Yes

Prowrite infrared technology	
Type	Microphone array, wide area
Number of microphones	8
Can be switched off	Yes

OPS Touchscreen Module			
	i5-1340P	i7-13800H vPro	i7-13800H vPro
Number of cores	12x physical 16x virtual	14x physical 20x virtual	14x physical 20x virtual
Graphics	Intel® Iris® Xe Graphics eligible	Intel® Iris® Xe Graphics eligible	Intel® Iris® Xe Graphics eligible
Supported operating systems	Windows 11 – Pro for Education	Windows 11 – Pro	Windows 11 – Pro for Education
Storage	256 GB	256 GB	256 GB
Memory	16 GB	16 GB	16 GB
WiFi	7	7	7
Bluetooth	5.3	5.3	5.3
Intel vPro® support	No	Yes	Yes
Over-the-Air updates (OTA)	Yes (5 years of support)	Yes (5 years of support)	Yes (5 years of support)

Accessories	
Number of pens	16:9: 2 passive pens 21:9: 4 passive pens
Extra pen tips	Yes
Remote control	Yes, batteries included
Wifi antenna	2x
Camera bracket	Yes, with screw
Prowise 4K Camera	Optional
NFC cards	Optional
Prowise Magic Remote	Optional
Eraser	Optional
VESA bracket 100 x 100	Optional

Motherboard connections	
Line-out/Headphones	1x (3.5 mm mini-jack connector)
Microphone input	1x (3.5 mm mini-jack connector)
USB-A 3.2	4x
USB-C out	1x
HDMI out	1x

Docking board connections	
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 port	Yes, 120-pin OPS port

Front connections	
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

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

Certifications	
Certifications Prowise Touchscreen Max	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
	BSI IT-Grundschutz, ISO 27001, ISO 9001, ISO 14001, Privacy Verified, CIPP/E

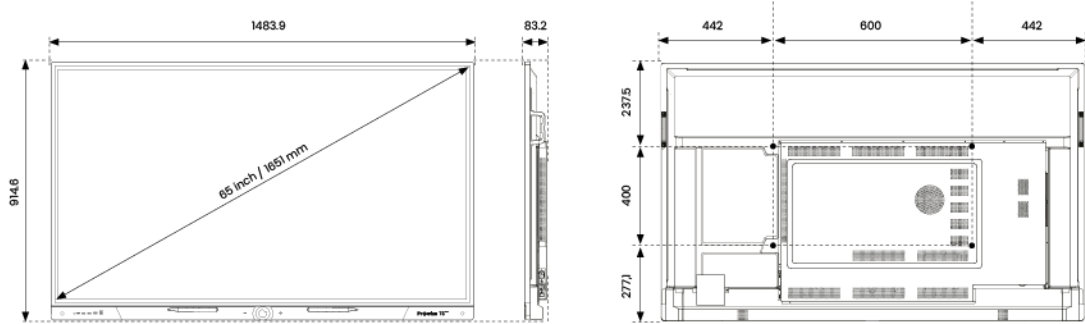
Environmental conditions	
Operating temperature	0 °C to 38 °C / 32 to 100 °F
Storage temperature	-20 °C to 60 °C / -4 to 140 °F
Storage humidity	10% to 90%
Operating humidity	10% to 90%
Maximum operating time	16 hours per day

General information	
Power supply	~ 100-240 V (50/60Hz)
Standby power consumption	≤ 0.5 W
Warranty	Standard 5 years

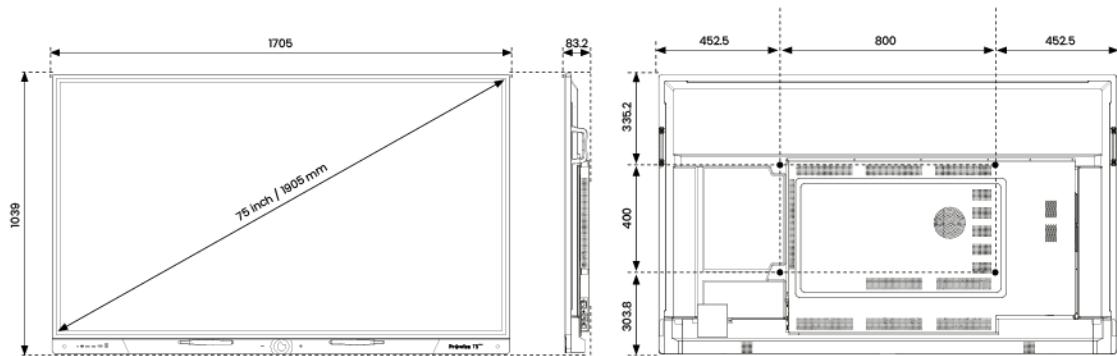
16:9	65"	75"	86"	98"
Gross weight	45.6 kg	60.3 kg	74.1 kg	141.8 kg ±1.5 kg
Net weight	38.6 kg	51.8 kg	63.5 kg	103.4 kg
Screen dimensions (wxdxh)	1483.9 x 83.2 x 914.6 mm	1705 x 83.2 x 1039 mm	1950.4 x 83.2 x 1177.1 mm	2229.2 x 122 x 1340 mm
Packaging dimensions (wxdxh)	1640 x 185 x 1010 mm	1860 x 185 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 mm x 88.4 mm x 1019.5 mm	2512 mm x 103 mm x 1151 mm
Packaging dimensions (wxdxh)	2335 mm x 225 mm x 1122 mm	2700 mm x 325 mm x 1425 mm incl. pallet
VESA standard	800 x 600 mm	1000 x 400 mm

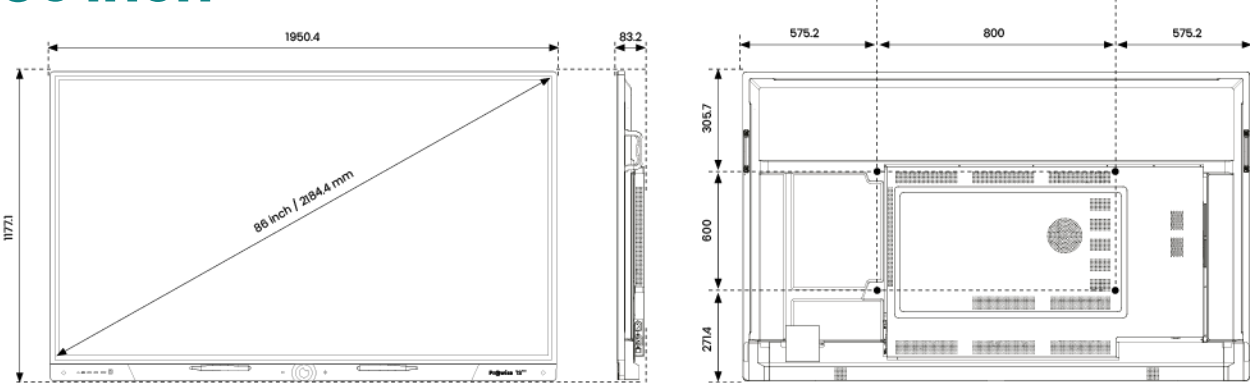
65 inch



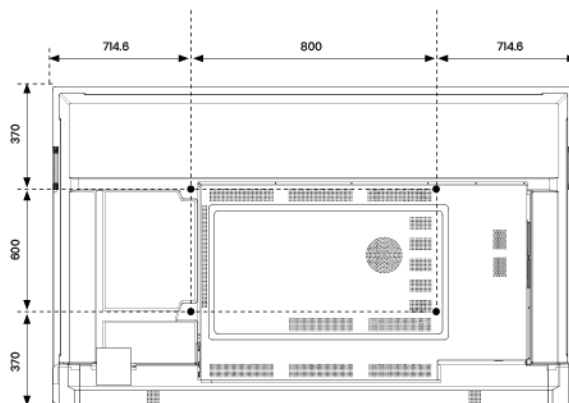
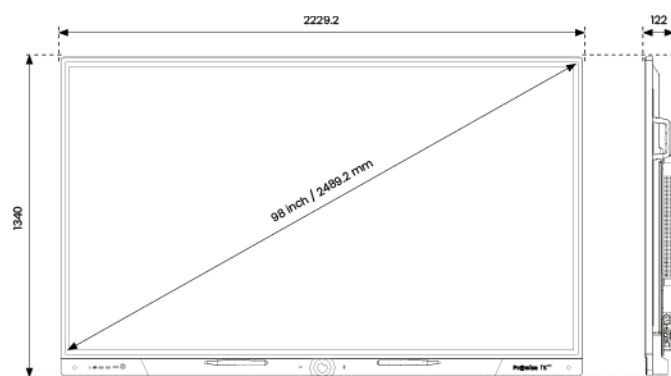
75 inch



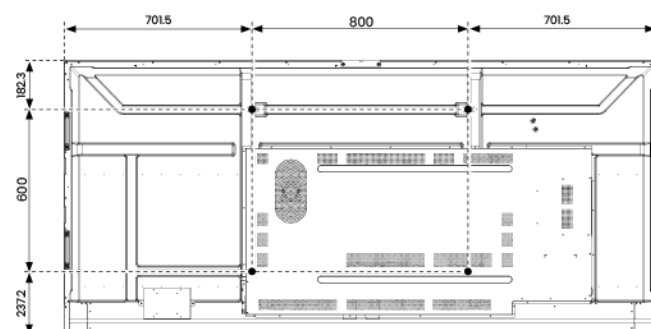
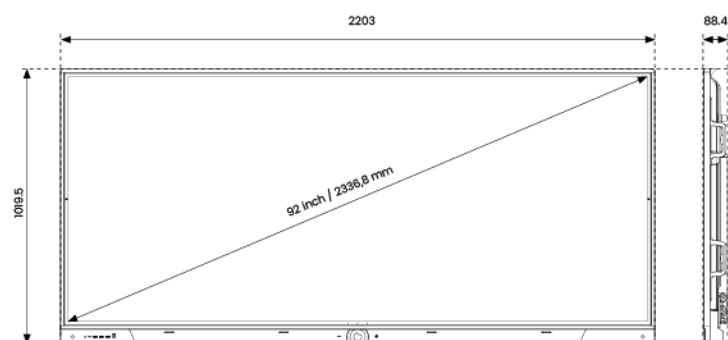
86 inch



98 inch



92 inch



105 inch

