

# ActivPanel 10

## Premium



### DISPLAY

Screen Size and Resolution	55" 4K; UHD (3840 x 2160 @ 60 Hz) 65" 4K; UHD (3840 x 2160 @ 60 Hz) 75" 4K; UHD (3840 x 2160 @ 60 Hz) 86" 4K; UHD (3840 x 2160 @ 60 Hz)
Backlight Technology	QLED - High Density Direct LED Backlight
Full-Array Local Dimming	Yes
Screen Type	TFT LCD
Blue Light Reduction	Yes
Optical Bonded Glass	Yes
Aspect Ratio	16:9
Display Area	55": 1212 x 682 mm (47.7 x 26.9 in) 65": 1430 x 806 mm (56.3 x 31.7 in) 75": 1652 x 930 mm (65 x 36.6 in) 86": 1895 x 1066 mm (74.6 x 42 in)
Display Colors	1.07 Billion (10-bit)
LCD Viewing Angle	178°
LCD Response Time	8 ms
LCD Refresh Rate (Panel)	60 Hz
LED Lifespan	50,000 hours
Static Contrast Ratio (up to)	16,500:1
Dynamic Contrast Ratio (up to)	900,000:1
Typical Max. Brightness	55": 977 cd/m <sup>2</sup> 65": 942 cd/m <sup>2</sup> 75": 880 cd/m <sup>2</sup> 86": 1034 cd/m <sup>2</sup>
Ambient Light Sensor	Yes
Glass Hardness	9H (pencil), 7 (Mohs)
Glass Type	Heat tempered
Glass Thickness	3.2 mm
Glass Coating	Anti-Glare, Anti-Fingerprint, Anti-Smudge

### COMPUTING

Operating System	No OS - Secure by Design
Compatible Promethean Devices	OPS-M, OPS-A, Chromebox

### AUDIO

Integrated Soundbar	2 x 25 W + 20 W Subwoofer* <i>*Subwoofer not included on 55"</i>
Integrated Microphone	8 Mic Array

### INTERACTIVITY

Vellum Touch Technology	Yes
Continuous Touch Points	50
Touch Resolution	32768 x 32768 px
Touch Response Time	3 ms
Touch Accuracy	<1 mm
Scan Rate	500 Hz
Gesture and Edge Swipes	Windows® supported
Unique Pen IDs	3
Pen and Touch Differentiation	Yes
Palm Erase	Yes
Palm Rejection	Yes
Writing-hand Palm Rejection	Yes
Pens Included	2 x Passive battery-less pens, 1 x Active pen
Integrated Wireless Active Pen Charger	Yes
Active Pen Features	Air Mouse, Pressure Sensitive Hand Writing, Red Dot Highlighter, Pagination Control
Pen Holder	Integrated full-length pen tray and side pockets
Pen Tip Diameter	3 mm
Pen Eraser Diameter	7 mm
Touch-enabled PiP	Yes
Compatibility	Windows® 10 and 11; macOS® Ventura 13 and Sonoma 14; Linux® Ubuntu 22.04 to 24.04 LTS; ChromeOS™; Android 14

### CONNECTIVITY

OPS Slot	1
HDMI In (Rear)	2 x 2.1
Display Port	1 x 1.4
USB-A (Rear)	3 x 3.2 Gen 1
USB-A (Rear)	1 x 2.0
USB-B (Touch, Rear)	3 x 3.0
USB-C (Rear)	1 x 3.2 Gen 1 (100 W Power Delivery)
USB-A (Front)	1 x 3.2 Gen 1
USB-C (Front)	1 x 3.2 Gen 1 (65 W Power Delivery)
USB-A (Top)	1 x 3.0
USB-C (Top)	1 x 3.0
USB-C Out	1 x 3.0
HDMI Out	1 x 2.0
LAN In (RJ45)	10/100/1000
LAN Out (RJ45)	10/100/1000
Wake-on-LAN	Yes
S/PDIF	Optical
Audio Out (3.5 mm)	1
Serial (RS232)	1

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### POWER

Power Requirements	100 V - 240 V AC
Max. Energy Star Reported Luminance 500 cd/m <sup>2</sup>	55": 68 W 65": 89 W 75": 106 W 86": 117W
Power Consumption (Standby)	<= 0.5 W
Proximity Sensor	Yes
Ultra-quiet Fanless Design	Yes

### ENVIRONMENTAL

Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	-15 °C to 55 °C (-5 °F to 131 °F)
Operating Humidity	20% to 80% non-condensing humidity
Storage Humidity	20% to 90% non-condensing humidity

### COMPLIANCE & CERTIFICATION

Regulatory Certifications	CE, FCC, IC, UL, CUL, CB, RCM
Energy Star Certified	Yes
Trade Agreements Act (TAA) Compliance	Yes

### SUSTAINABILITY

% Recyclable Packaging	Minimum of 97%
Energy Usage at 400 cd/m <sup>2</sup> Per Year (kWh)	55": Min: 185 Max: 192 65": Min: 241 Max: 247 75": Min: 282 Max: 289 86": Min: 319 Max: 325
Carbon Footprint (KgCO2/yr)	55": 255 65": 297 75": 338 86": 409

### PHYSICAL SPECIFICATIONS

Panel Dimensions	55": 1266 x 103 x 809 mm (49.8 x 4.1 x 31.9 in) 65": 1489 x 107 x 935 mm (58.6 x 4.2 x 36.8 in) 75": 1710 x 107 x 1060 mm (67.3 x 4.2 x 41.7 in) 86": 1955 x 107 x 1197 mm (77 x 4.2 x 47.1 in)
Packed Dimensions	55": 1407 x 170 x 895 mm (55.3 x 6.7 x 35.2 in) 65": 1639 x 185 x 1019 mm (64.5 x 7.3 x 40.1 in) 75": 1860 x 185 x 1143 mm (73.2 x 7.3 x 45 in) 86": 2105 x 185 x 1280 mm (82.9 x 7.3 x 50.4 in)
Panel Net Weight	55": 29.2 kg (64.4 lbs) 65": 39.4 kg (86.9 lbs) 75": 51.4 kg (113.3 lbs) 86": 67.9 kg (149.7 lbs)
Packed Weight	55": 37.2 kg (82 lbs) 65": 49.6 kg (109.4 lbs) 75": 63.2 kg (139.3 lbs) 86": 81.6 kg (179.9 lbs)
Wall Mount Dimensions	55": 400 x 400 mm (15.8 x 15.8 in) 65": 600 x 400 mm (23.6 x 15.8 in) 75": 800 x 400 mm (31.5 x 15.8 in) 86": 800 x 600 mm (31.5 x 23.6 in)

### PACKED CONTENTS

What's in the Box	1x ActivPanel 10 Premium 1x 3 m Length HDMI Cable 1x 3 m Length USB Cable (A-B) 1x 3 m Regional Power Cable 1x 3 m Length USB-C Cable 1x All-in-one Remote Control 2x Passive Pens 1x ActivPen 2 1x ActivPen 2 Charger and BT module 1x USB-C ActivPen 2 Charging Cable 1x Sealed Antistatic Bag 8x Desiccant 4x VESA Mount Screws (M8) 1x Mini PC Bracket with Screws 1x Quick Install Guide 1x Promethean ActivSuite Activation Hangtag
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### INSTALLATION

The installation of this product should be completed by a qualified installer. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit [Support.PrometheanWorld.com](https://Support.PrometheanWorld.com).

### WARRANTY

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit [PrometheanWorld.com/Warranty](https://PrometheanWorld.com/Warranty).

### SUPPORT

For all Promethean products, visit [Support.PrometheanWorld.com](https://Support.PrometheanWorld.com).

### EDUCATION SOFTWARE LICENSE

ActivInspire® Professional	1 x Single User License Included
Promethean ActivSuite™	2 x Seats Included

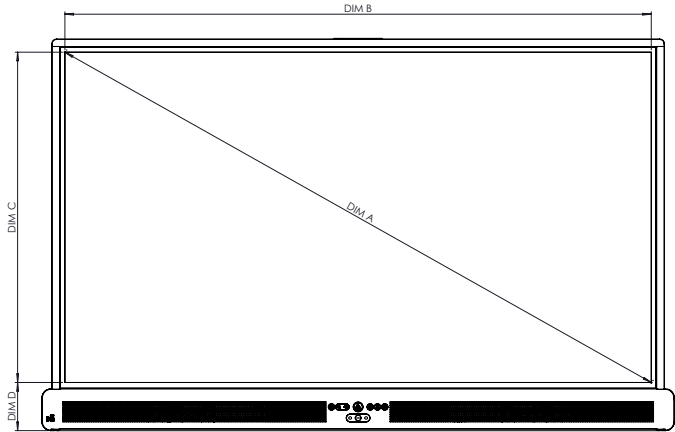
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TECHNICAL DRAWINGS

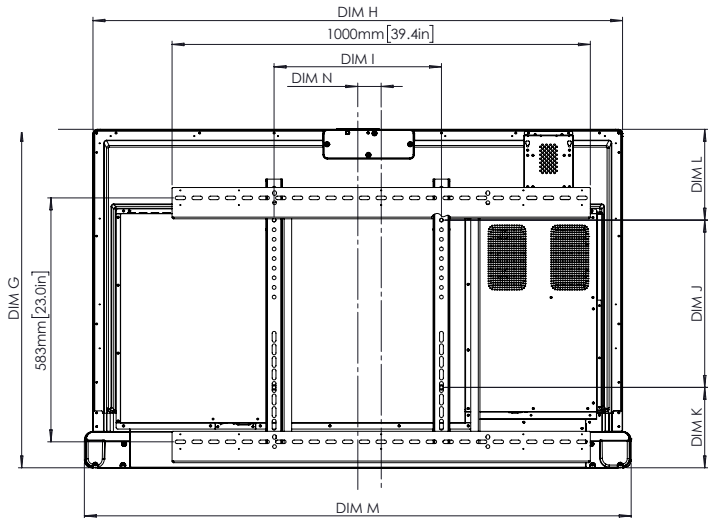
55"

Front



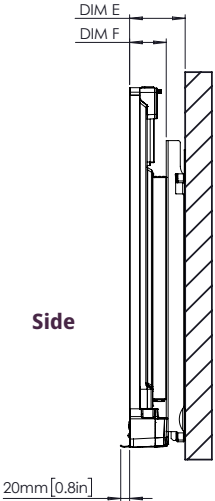
DIM	DIMENSION
A	1391mm [54.7in]
B	1212mm [47.7in]
C	682mm [26.9in]
D	100mm [3.9in]

Back



DIM	DIMENSION
E	125mm [4.9in]
F	83mm [3.2in]
G	809mm [31.9mm]
H	1266mm [ 49.9in]
I	400mm [15.7in]
J	400mm [15.7in]
K	192mm [7.6in]
L	217mm [8.5in]
M	1307mm [51.5in]
N	56mm [2.2in]

Side



\* Optional ActivPanel fixed wall mount available to purchase

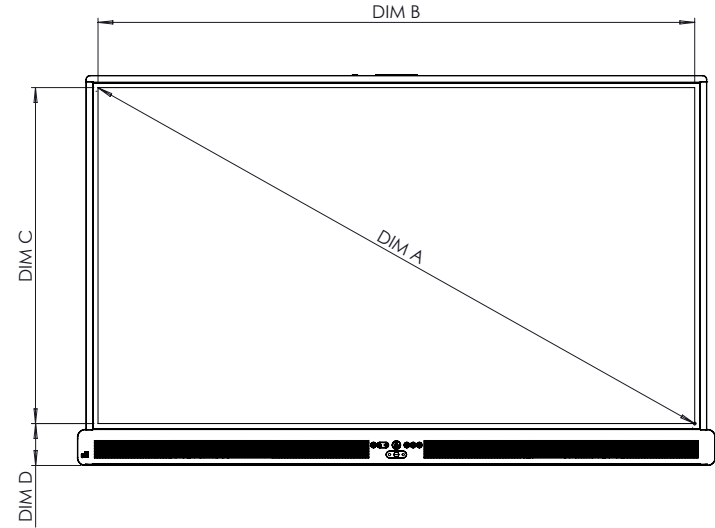
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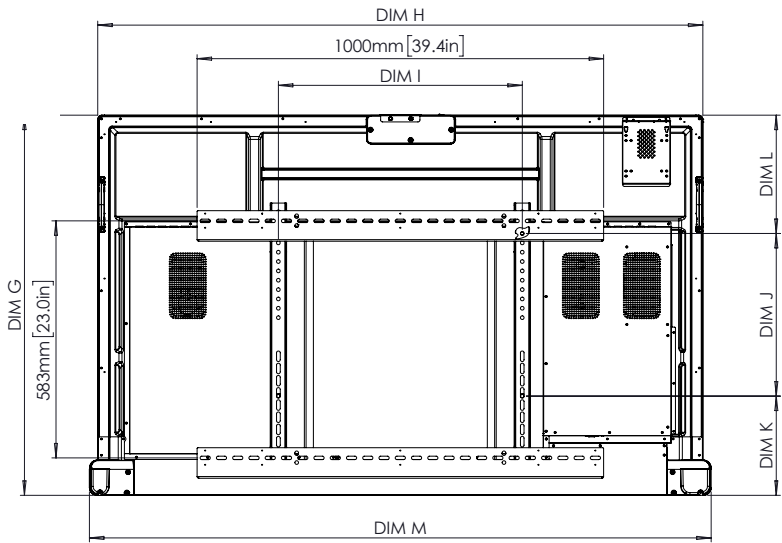
65"

Front



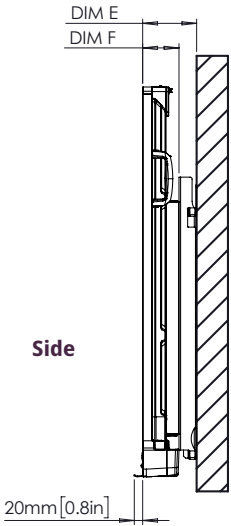
DIM	DIMENSION
A	1642mm [64.6in]
B	1430mm [56.3in]
C	806mm [31.7in]
D	100mm [4.0in]

Back



DIM	DIMENSION
E	130mm [5.1in]
F	87mm [3.4in]
G	935mm [36.8in]
H	1489mm [58.6in]
I	600mm [23.6in]
J	400mm [15.7in]
K	244mm [9.6in]
L	291mm [11.5in]
M	1529mm [60.2in]

Side



\* Optional ActivPanel fixed wall mount available to purchase

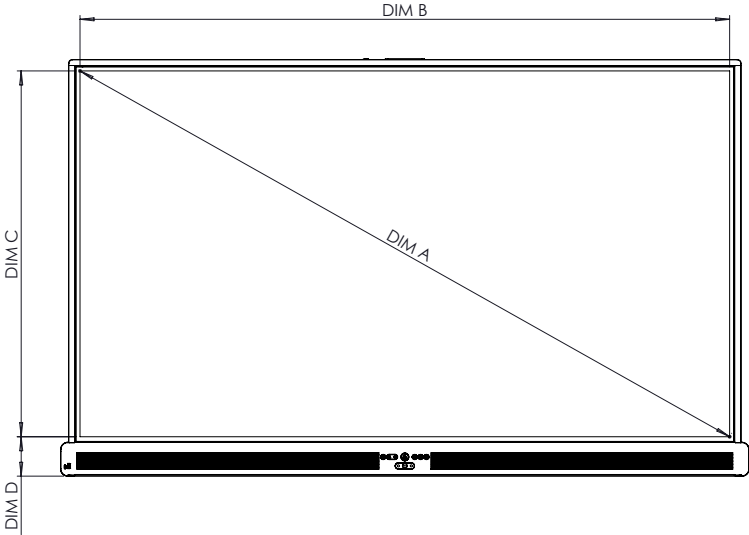
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TECHNICAL DRAWINGS

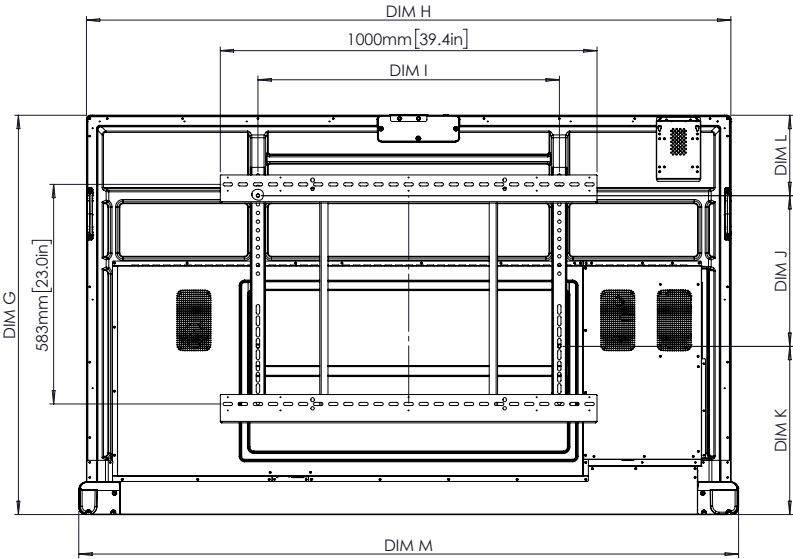
75"

Front

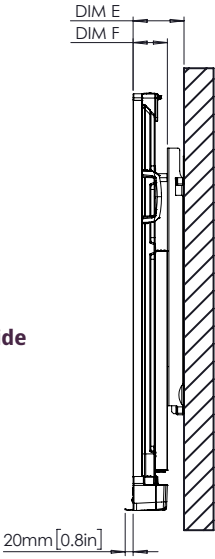


DIM	DIMENSION
A	1896mm [74.7in]
B	1652mm [65.0in]
C	930mm [36.6in]
D	100mm [4.0in]

Back



Side



DIM	DIMENSION
E	130mm [5.1in]
F	87mm [3.4in]
G	1060mm [41.7in]
H	1710mm [67.3in]
I	800mm [31.5in]
J	400mm [15.7in]
K	446mm [17.6in]
L	213mm [8.4in]
M	1751mm [68.9in]

\* Optional ActivPanel fixed wall mount available to purchase

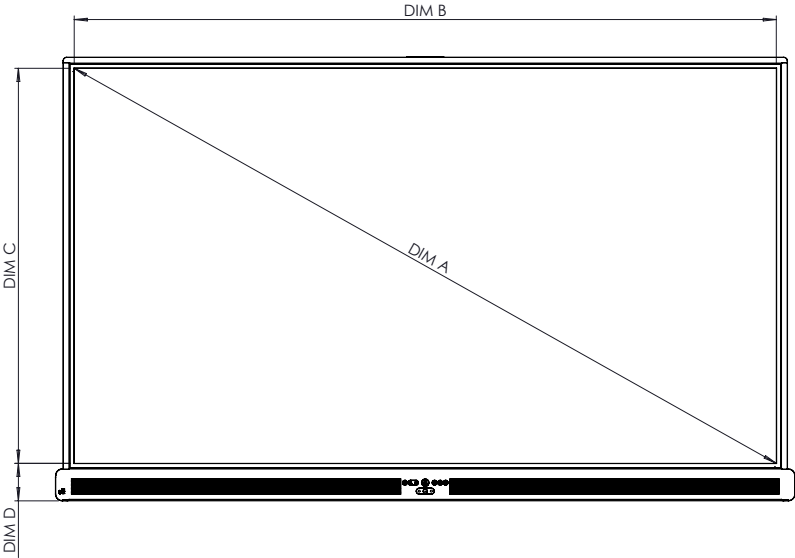
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TECHNICAL DRAWINGS

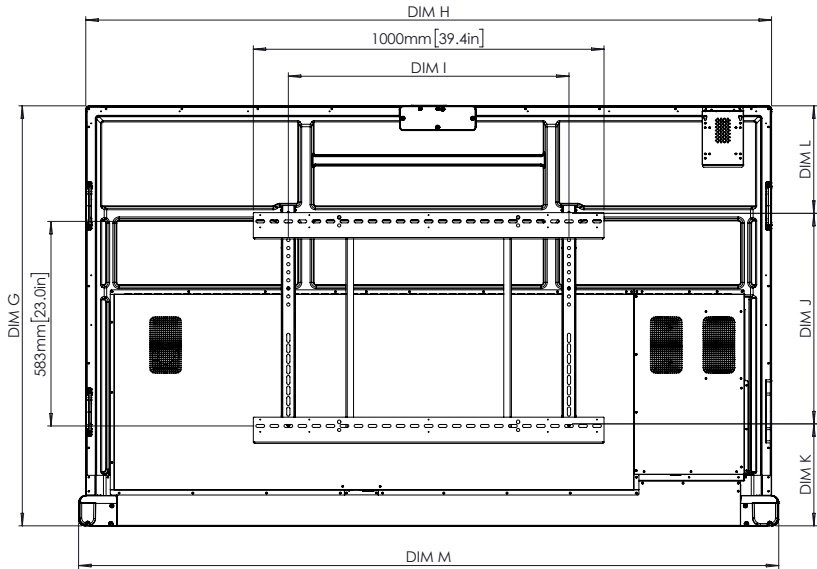
86"

Front

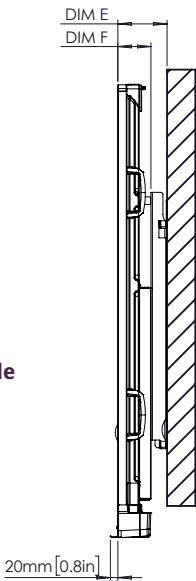


DIM	DIMENSION
A	2174mm [85.6in]
B	1895mm [74.6in]
C	1066mm [42.0in]
D	101mm [4.0in]

Back



Side



DIM	DIMENSION
E	130mm [5.1in]
F	87mm [3.4in]
G	1197mm [47.1in]
H	1955mm [77.0in]
I	800mm [31.5in]
J	600mm [23.6in]
K	291mm [11.5in]
L	307mm [12.1in]
M	1996mm [78.6in]

\* Optional ActivPanel fixed wall mount available to purchase