Promethean

ActivPanel 9

DISPLAY

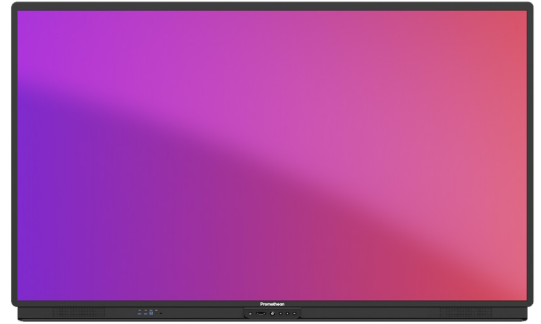|	
Screen Size and Resolution	65" 4K; UHD (3840 x 2160 @ 60 Hz) 75" 4K; UHD (3840 x 2160 @ 60 Hz) 86" 4K; UHD (3840 x 2160 @ 60 Hz)
Screen Type	TFT LCD (Direct LED Backlight)
Blue Light Reduction	Yes
Bonded Glass	Yes
Aspect Ratio	16:9
Display Area	65" 4K: 1429 x 804 mm (56.3 x 31.7 in) 75" 4K: 1652 x 930 mm (65 x 36.6 in) 86" 4K: 1895 x 1066 mm (74.6 x 41.9 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
Contrast Ratio	5000:1 Dynamic 1200:1 Static
Brightness	400 cd/m2
Ambient Light Sensor	Yes
Glass Hardness	9H (pencil) , 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare
Glass Thickness	4 mm

INTERACTIVITY

Vellum Touch Technology	Yes
Continuous Touch Points	20
Touch Resolution	32768 x 32768 px
Response Time	10 ms
Touch Accuracy	1 mm
Tracking Rate	4 m/s
Scan Rate	200 Hz
Gestures and Edge Swipes	Windows® supported
Unique Pen IDs	1
Pen and Touch Differentiation	Yes
Palm Erase	Yes
Palm Rejection	Yes
Pens Included	Yes, 2
Pen Type	Battery-less pen
Pen Holder	Integrated full-length pen tray
Pen Tip Diameter	3 mm
Classroom Essential Apps	Including Whiteboard, Annotate, Timer, Spinner, Screen Capture, Screen Share, Browser, PDF Reader, Media Player
Compatibility	Windows® 7 to 11; Mac OS® 10.8 to 10.11; macOS® Sierra 10.12.1 or later; Linux® Ubuntu 20.04 LTS; Chrome OS™

COMPUTING

Operating System	ActivPanel OS
RAM	4 GB
Internal Storage	32 GB
CPU	ARM CORTEX - A73 x 4
GPU	ARM Mali-G71 MP3
Trusted Platform Module	Yes
Cloud Based User Profiles	Yes

AUDIO

Dual Front-facing Speakers	2 x 15 W

CONNECTIVITY

OPS Slot	1
HDMI In (Rear)	2 (2.0)
HDMI In (Front)	1 (2.0)
Display Port	1 (1.2)
USB-A 2.0 (Rear)	1
USB-C 3.2 Gen 1 (Rear)	1 (60 W Power Delivery)
USB-B 3.2 Gen 1 (Touch, Front)	1
USB-B 3.2 Gen 1 (Touch, Rear)	3
USB-A 3.2 Gen 1 (Front)	2
USB-A 3.2 Gen 1 (Rear)	2
MicroSD Slot	Yes
LAN In (RJ45)	1 Gbps
LAN Out (RJ45)	1 Gbps
Wake-on-LAN	Yes
Wi-Fi (Client)	IEEE 802.11 a/b/g/n/ac/ax, Wi-Fi 6 and dual band supported
Bluetooth	5.0
HDMI Out	1 (2.0)
AV-In (3.5 mm)	1
Mic (3.5 mm)	1
Audio Out (3.5 mm)	1
RS-232	1

PANEL MANAGEMENT

OTA Updates	Yes
Promethean Panel Management	Yes

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POWER

Power Requirements	100 V - 240 V AC
Power Consumption (Typical)	65": 120 W 75": 131 W 86": 189 W
Power Consumption (Standby)	<= 0.5 W
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	65" 4K: Yes 75" 4K: Yes 86" 4K: No

PHYSICAL SPECIFICATIONS

Panel Dimensions	65": 1509 x 946 x 113 mm (59.4 x 37.2 x 4.4 in) 75": 1730 x 1070 x 113 mm (68.1 x 42.1 x 4.4 in) 86": 1975 x 1208 x 113 mm (77.8 x 47.6 x 4.4 in)
Packed Dimensions	65": 1660 × 1045 × 220 mm (65.4 x 41.1 x 8.7 in) 75": 1900 × 1160 × 225 mm (74.8 x 45.7 x 8.9 in) 86": 2160 × 1310 × 225 mm (85 x 51.6 x 8.9 in)
Panel Net Weight	65": 43.2 kg (95.3 lb) 75": 55.3 kg (121.9 lb) 86": 69.6 kg (153.4 lb)
Packed Weight	65": 58.6 kg (129.2 lb) 75": 73 kg (160.9 lb) 86": 91.6 kg (201.9 lb)
Wall Mount Dimensions	1010 x 720 x 52 mm (39.8 x 28.3 x 2.0 in)
VESA Mount Point	65": 600 x 400 mm (23.6 x 15.7 in) 75": 800 x 400 mm (31.5 x 15.7 in) 86": 800 x 600 mm (31.5 x 23.6 in)

EDUCATION SOFTWARE LICENSE

ActivInspire® Professional Single User	Included

PACKED CONTENTS

What's in the Box	1x ActivPanel 9 1x 3 m Length HDMI Cable 1x 3 m Length USB Cable (A-B) 1x 3 m Regional Power Cable 1x 2 m Length USB-C Cable 1x Remote Control 2x Batteries for Remote 2x Pens 1x Sealed Antistatic Bag 8x Desiccant 4x VESA Mount Screws (M6) 1x Mini PC Bracket with Screws (x2) 1x Quick Install Guide 1x Promethean Wi-Fi/Bluetooth Module 3x Antennae 1x Wi-Fi/Bluetooth Module User Guide 1x Wall Mount 2x Cable Management Hooks - 65" & 75" 3x Cable Management Hooks - 86"

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.

WARRANTY

Warranty term and upgrade options vary by region. Contact your local reseller or distributor for information and visit PrometheanWorld.com/Warranty.
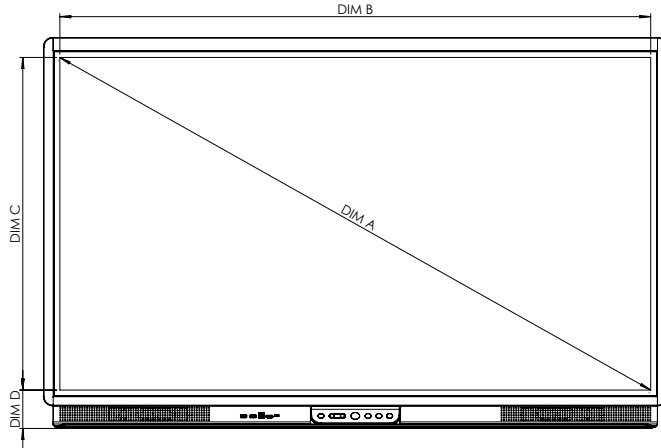
SUPPORT

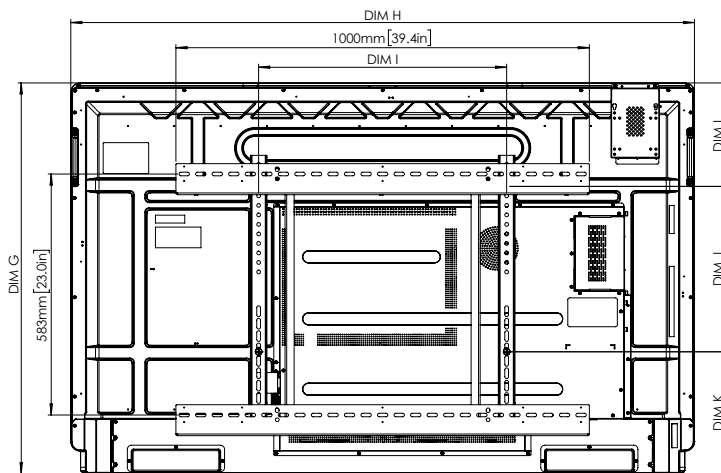For all Promethean products, visit Support.PrometheanWorld.com.
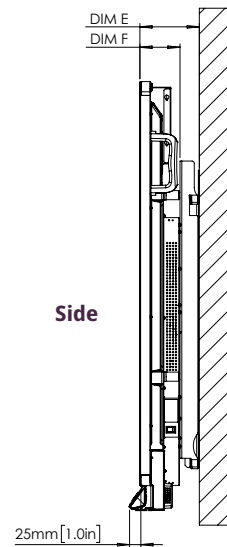
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ActivPanel 9

TECHNICAL DRAWINGS

65"

Front

DIM B

DIM C

DIM A

DIM D

DIM	DIMENSION (mm)
A	1640mm [64.6in]
B	1429mm [56.3in]
C	805mm [31.7in]
D	93mm [3.7in]

Back

DIM H

1000mm [39.4in]

DIM I

DIM G

583mm [23.0in]

DIM L

DIM J

DIM K

Side

DIM E

DIM F

25mm [1.0in]

DIM ID	DIMENSION
E	131mm [5.2in]
F	88mm [3.5in]
G	946mm [37.2in]
H	1509mm [59.4in]
I	600mm [23.6in]
J	400mm [15.75in]
K	295.3mm [11.6in]
L	250.4mm [9.9in]

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TECHNICAL DRAWINGS

75"

Front
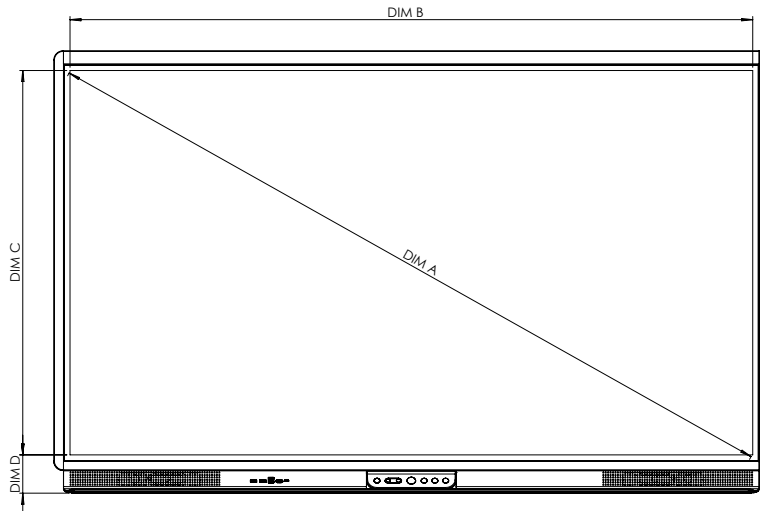
DIM	DIMENSION (mm)
A	1897mm [74.7in]
B	1652mm [65.0in]
C	930mm [36.61in]
D	93mm [3.6in]

Back
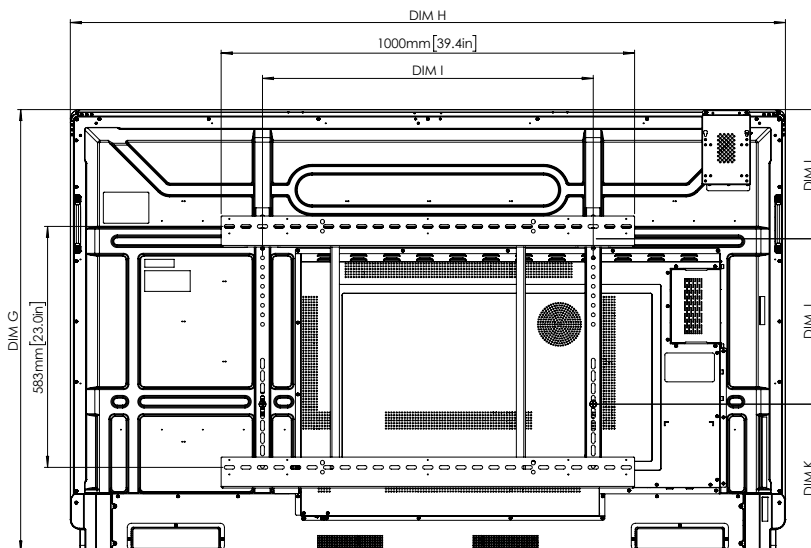
Side

DIM ID	DIMENSION
E	130mm [5.1in]
F	88mm [3.5in]
G	1070mm [42.1in]
H	1730mm [68.1in]
I	800mm [31.5in]
J	400mm [15.75in]
K	357.6mm [14.1in]
L	312.6mm [12.31in]
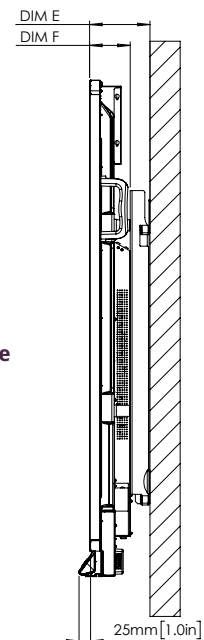
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TECHNICAL DRAWINGS

86"

Front
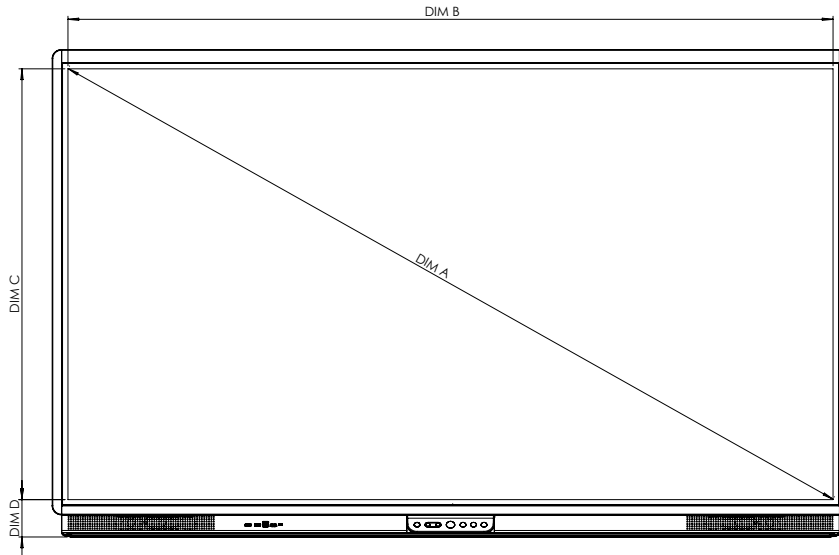
DIM	DIMENSION (mm)
A	2177mm [85.7in]
B	1897mm [74.7in]
C	1068mm [42.0in]
D	93mm [3.6in]

Back
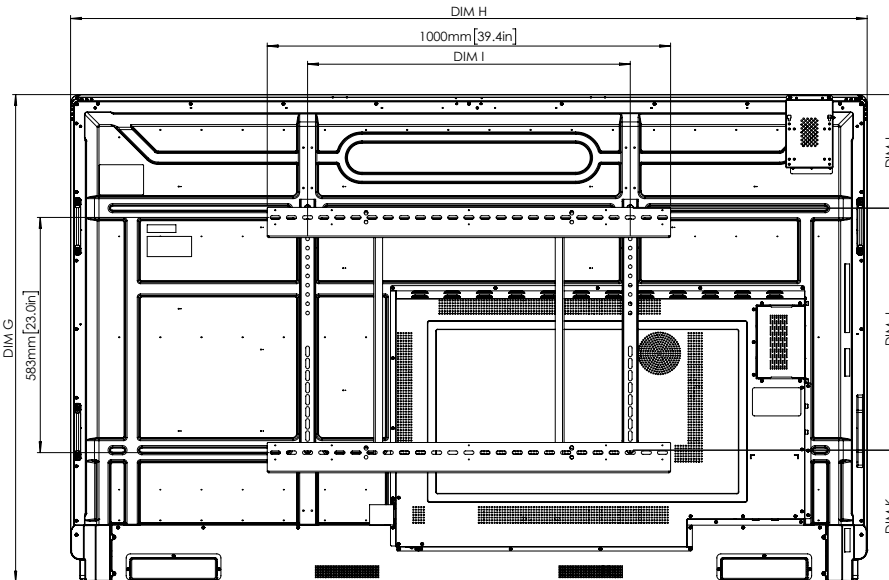
Side
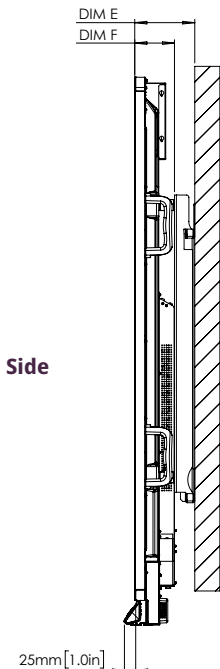
DIM ID	DIMENSION
E	132mm [5.2in]
F	88mm [3.5in]
G	1208mm [47.6in]
H	1975mm [77.8in]
I	800mm [31.5in]
J	600mm [23.6in]
K	326.6mm [12.9in]
L	281.6mm [11.09in]