

## Premium



#### DISPLAY

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 Colours	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/m² 65": 942 cd/m² 75": 880 cd/m² 86": 1034 cd/m²
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* *Subwoofer not included on 55"
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

1
2 x 2.1
1 x 1.4
3 x 3.2 Gen 1
1 x 2.0
3 x 3.0
1 x 3.2 Gen 1 (100 W Power Delivery)
1 x 3.2 Gen 1
1 x 3.2 Gen 1 (65 W Power Delivery)
1 x 3.0
1 x 3.0
1 x 3.0
1 x 2.0
10/100/1000
10/100/1000
Yes
Optical
1
1

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### **Premium**

#### **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
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

#### 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": 1045 x 170 x 895 mm (41.1 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
	1 x Remote Control
	2x Batteries for 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

#### **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.

#### **EDUCATION SOFTWARE LICENCE**

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

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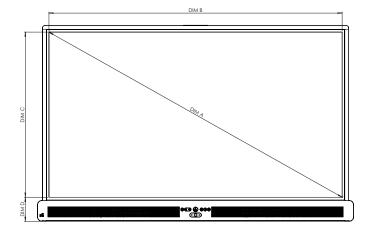
## **Premium**

#### **TECHNICAL DRAWINGS**

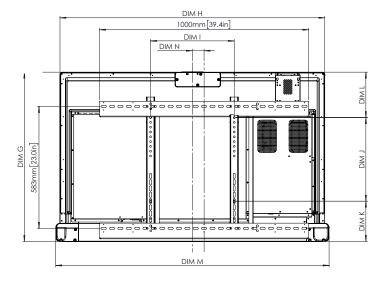
55"

**Front** 

**Back** 



DIM	DIMENSION
Α	1391mm [54.7in]
В	1212mm [47.7in]
С	682mm [26.9in]
D	100mm [3.9in]



DIM	DIMENSION
Е	125mm [4.9in]
F	83mm [3.2in]
G	809mm [31.9mm]
Н	1266mm [ 49.9in]
	400mm [15.7in]
J	400mm [15.7in]
K	192mm [7.6in]
L	217mm [8.5in]
М	1307mm [51.5in]
Ν	56mm [2.2in]

<sup>\*</sup> Optional ActivPanel fixed wall mount available to purchase

Side

20mm [0.8in]

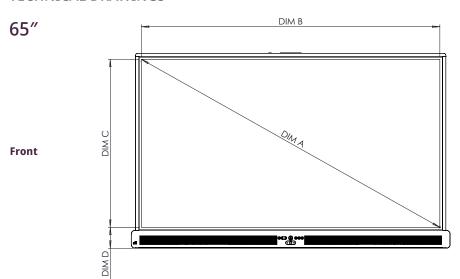
DIM E



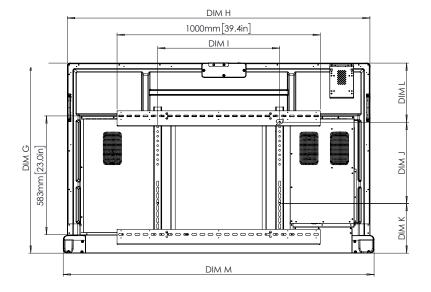
## **Premium**

Back

#### **TECHNICAL DRAWINGS**



DIM	DIMENSION	
Α	1642mm [64.6in]	
В	1430mm [56.3in]	
С	806mm [31.7in]	
D	100mm [4.0in]	



DIMENSION

DIM E
DIM F

Side

L	13011111 [3.111]
F	87mm [3.4in]
G	935mm [36.8in]
Н	1489mm [58.6in]
	600mm [23.6in]
J	400mm [15.7in]
K	244mm [9.6in]
L	291mm [11.5in]
М	1529mm [60.2in]

DIM

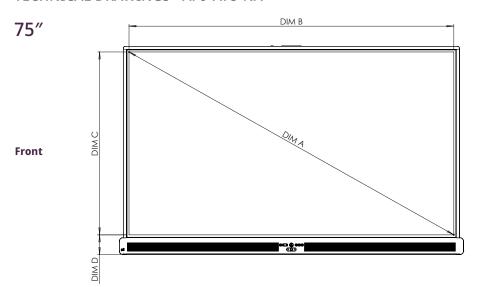
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 $<sup>\</sup>mbox{\ensuremath{^{\star}}}$  Optional ActivPanel fixed wall mount available to purchase

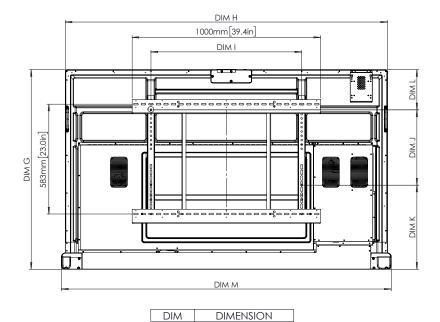


## **Premium**

#### **TECHNICAL DRAWINGS - AP9-A75-NA**



DIM	DIMENSION
Α	1896mm [74.7in]
В	1652mm [65.0in]
С	930mm [36.6in]
D	100mm [4.0in]



130mm [5.1in] 87mm [3.4in] 1060mm [41.7in]

1710mm [67.3in]

Side	
20mm[0.8in]	

l I	800mm [31.5in]
J	400mm [15.7in]
K	446mm [17.6in]
L	213mm [8.4in]
М	1751mm [68.9in]

G

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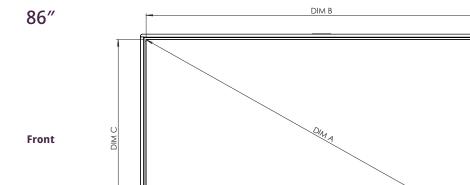
<sup>\*</sup> Optional ActivPanel fixed wall mount available to purchase



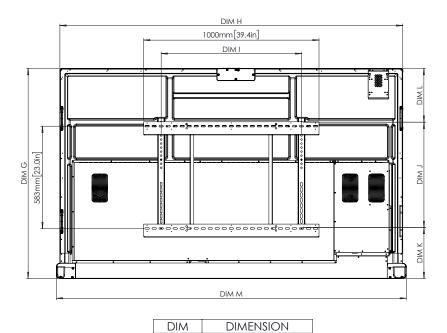
## **Premium**

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#### **TECHNICAL DRAWINGS**



DIM	DIMENSION
Α	2174mm [85.6in]
В	1895mm [74.6in]
С	1066mm [42.0in]
D	101mm [4.0in]



	DIM E	
Side		
	(	
20mm	[0.8in]	

Н	1955mm [77.0in]
I	800mm [31.5in]
J	600mm [23.6in]
K	291mm [11.5in]
L	307mm [12.1in]
М	1996mm [78.6in]

F

G

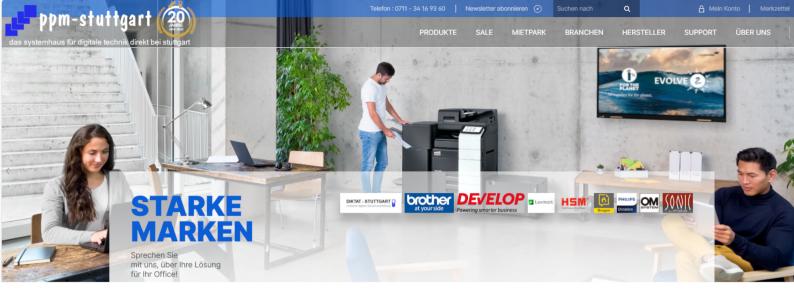
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130mm [5.1in]

87mm [3.4in]

1197mm [47.1in]

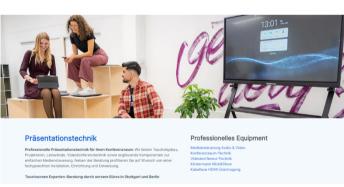
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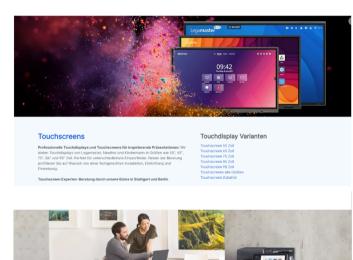
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**Drucker & Kopierer** 

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