Promethean

ActivPanel LX

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": 1431 x 805 mm (56.3 x 31.7 in) 75": 1652 x 930 mm (65 x 36.6 in) 86": 1897 x 1068 mm (74.7 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
LCD Brightness (Brightness of display without cover glass)	400 cd/m²
LED Lifespan	50,000 hours
Contrast Ratio	5000:1 Dynamic 1200:1 Static
Brightness	350 cd/m²
Ambient Light Sensor	Yes
Glass Hardness	8H (pencil), 7 (Mohs)
Glass Type	Heat tempered, Anti-Glare
Glass Thickness	3.2 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
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™

AUDIO

Dual Front-facing Speakers	2 x 15 W (peak)

COMPUTING

Operating System	No OS

CONNECTIVITY

OPS Slot	1
HDMI 2.0 (Front)	1
HDMI 2.0 (Rear)	2
USB-A 2.0 (Front)	1
USB-A 2.0 (Rear)	2
USB-B 2.0 Touch (Front)	1
USB-B 2.0 Touch (Rear)	1
USB-C 2.0 15 W Power Delivery (Front)	1
LAN In (10/100/1000)	1
LAN Out (10/100/1000)	1
VGA	1
Wake-on-LAN	Yes
Audio In (3.5 mm)	1
Audio Out (3.5 mm)	1
RS232	1

POWER

Power Requirements	100 V - 240 V AC
Power Consumption (Typical)	65": 106 W 75": 132 W 86": 175 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": Yes 75": Yes 86": No

ActivPanel LX

PHYSICAL SPECIFICATIONS

Panel Dimensions	65": 1482 x 899 x 110 mm (58.3 x 35.4 x 4.3 in) 75": 1716 x 1033 x 110 mm (67.6 x 40.7 x 4.3 in) 86": 1962 x 1171 x 110 mm (77.2 x 46.1 x 4.3 in)
Packed Dimensions	65": 1640 x 1010 x 185 mm (64.6 x 39.8 x 7.3 in) 75": 1860 x 1130 x 185 mm (73.2 x 44.5 x 7.3 in) 86": 2095 x 1270 x 185 mm (82.5 x 50 x 7.3 in)
Panel Net Weight	65": 36.6 kg (80.7 lb) 75": 50 kg (110.2 lb) 86": 63.4 kg (139.8 lb)
Packed Weight	65": 46.7 kg (103 lb) 75": 61.6 kg (135.8 lb) 86": 76.6 kg (168.9 lb)
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 LICENCE

ActivInspire® Personal Single User	Included

PACKED CONTENTS

What's in the Box	1 x ActivPanel LX 1 x 3 m HDMI Cable 1 x 3 m USB Cable (A-B) 1 x 2 m USB-C Cable 1 x 3 m Regional Power Cable 1 x Remote Control 2 x Batteries for Remote 2 x Pens 1 x Antistatic Bag 4 x Desiccant 4 x VESA Mount Screws (M6) 1 x Mini PC Bracket with Screws 1 x Quick Install Guide

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.

OPTIONAL ACCESSORIES & STANDS

Promethean OPS-A (Android)	The Promethean OPS-A is a Google EDLA-certified Android device, designed specifically for use with ActivPanel LX. Pre-loaded with the most popular Google and Promethean apps, it provides easy access to the Google Play Store, and can easily be managed by IT Admins. Availability varies by region. See individual Specification Sheet for more details.
Promethean Chromebox	The Promethean Chromebox is the perfect solution for customers wishing to extend their existing Chrome OS ecosystem to the ActivPanel. It provides certified access to your preferred apps from the Google Play Store. Availability varies by region. See individual Specification Sheet for more details.
Promethean OPS-M (Windows)	For customers wishing to use the Microsoft ecosystem, the Promethean OPS-M creates an all-in-one, large-format Windows experience on the ActivPanel. Availability varies by region. See individual Specification Sheet for more details.
Promethean ActivSoundBar	The Promethean ActivSoundBar provides a powerful, high-quality sound option for the classroom. ActivSoundBar is the perfect addition to any Promethean Interactive Display, delivering crystal-clear, immersive sound. See individual Specification Sheet for more details.
Promethean Wall mount	Our fixed wall mount safely keeps your ActivPanel in one place and position for a more permanent display. Compatible with all sizes. See individual Specification Sheet for more details.
Versatile mounting solutions	Create the best solution for each classroom with the ActivPanel Stands. Choose from a fixed wall mount, height-adjustable wall mount, fixed-height mobile stand, and height-adjustable mobile stand. Availability varies by region. Compatible with all sizes. See individual Specification Sheets for more details.

ActivPanel LX

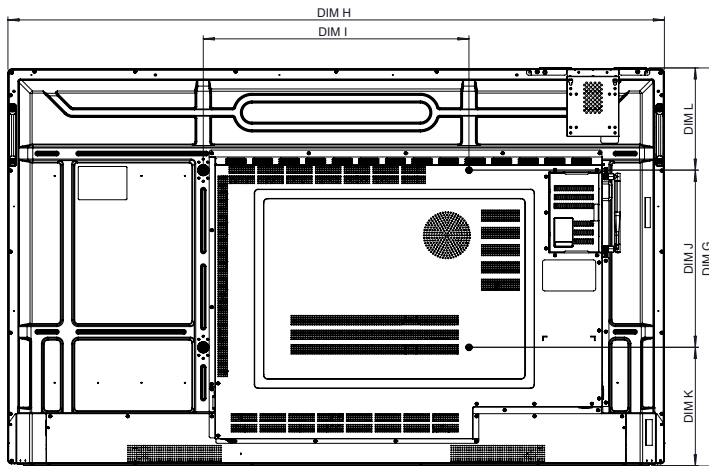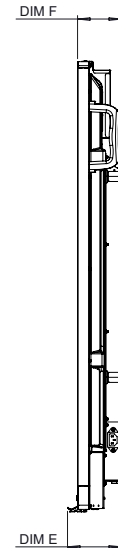ActivPanel LX SS 11/23 v2.2 EN-INTL

TECHNICAL DRAWINGS

65"

Front

DIM B

DIM C

DIM A
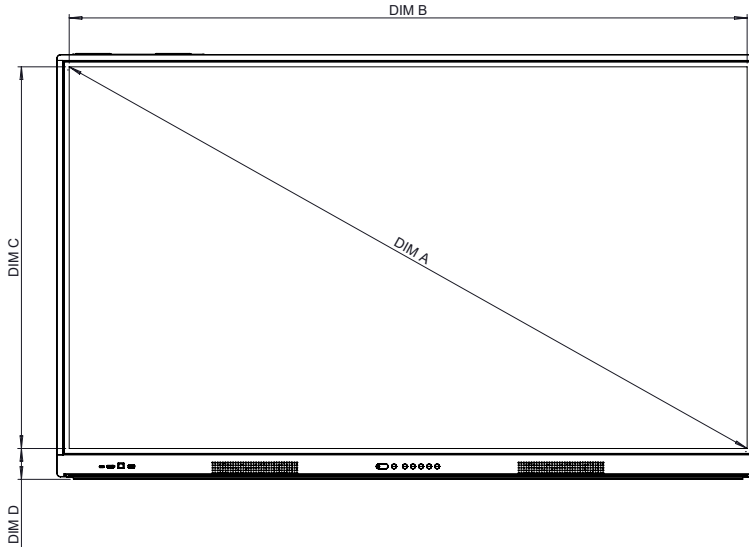
DIM D

DIM	DIMENSION (mm)
A	1642
B	1431
C	805
D	65

Back

DIM H

DIM I

DIM L

DIM J

DIM G

DIM K

Side

DIM F

DIM E

DIM ID	DIMENSION
E	108
F	88
G	899
H	1482
I	600
J	400
K	268
L	231

Promethean

ActivPanel LX

TECHNICAL DRAWINGS

75"

Front
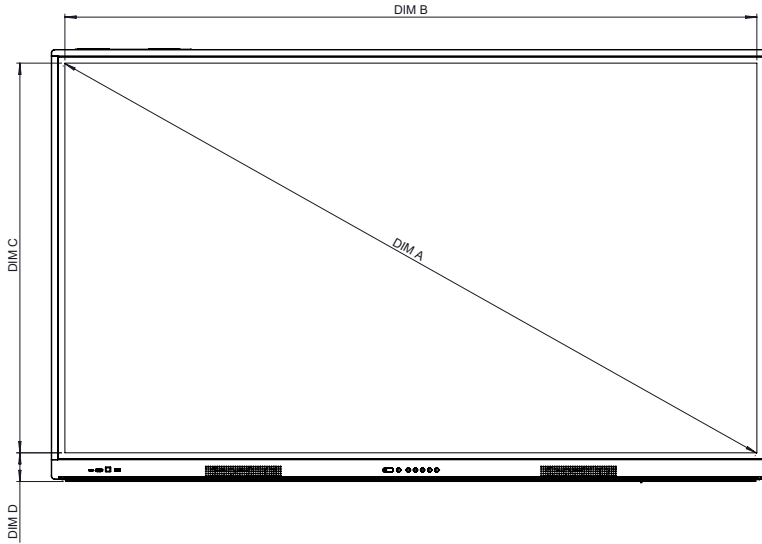
DIM	DIMENSION (mm)
A	1895
B	1652
C	930
D	68

Back
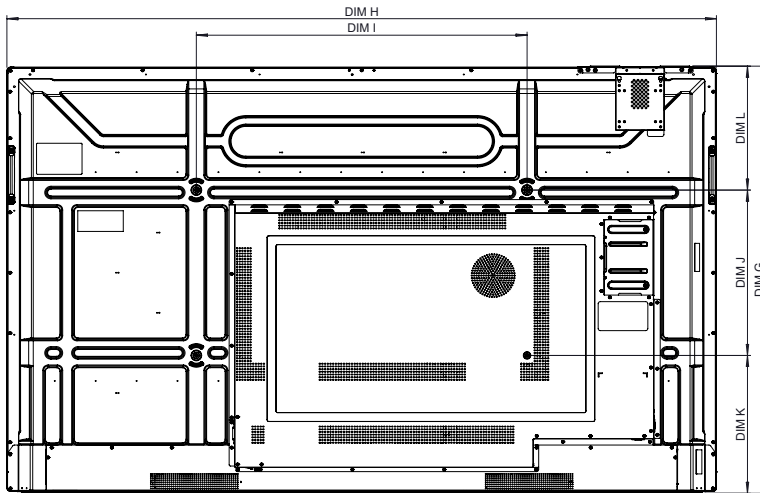
Side

DIM ID	DIMENSION
E	108
F	88
G	1033
H	1716
I	800
J	400
K	333
L	300

Promethean

ActivPanel LX

TECHNICAL DRAWINGS

86"

Front
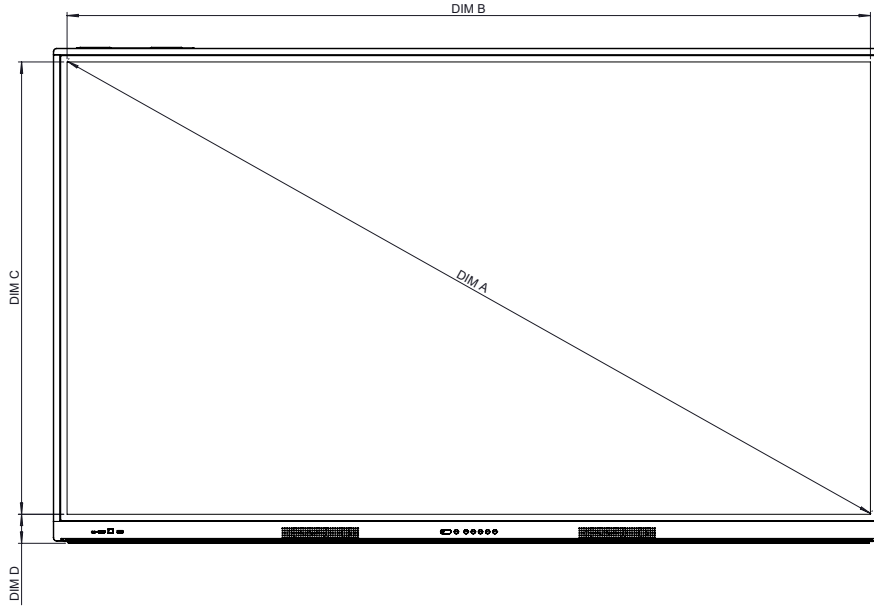
DIM	DIMENSION (mm)
A	2177
B	1897
C	1068
D	68

Back
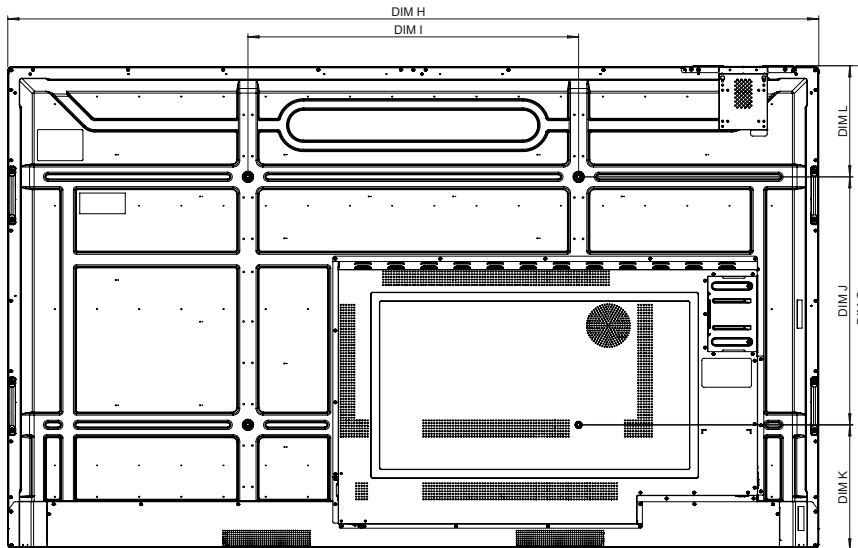
Side
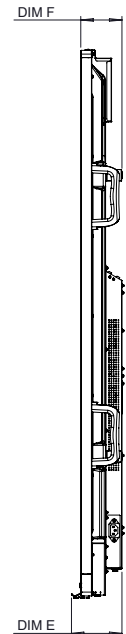
DIM ID	DIMENSION
E	108
F	88
G	1171
H	1962
I	800
J	600
K	302
L	269