

# TRANSFORM TEACHING & LEARNING WITH PROMETHEAN

Meet the NEW Promethean ActivPanel 9 and ActivPanel 9 Premium – Available at Trafera.



Promethean ActivPanel 7 Nickel

## GOOD



### ACTIVPANEL 7 NICKEL

- ✓ Built In Android OS
- ✓ Unified Menu Experience
- ✓ Built-In Teaching Apps
- ✓ Google Play Store

[VIEW FULL SPECS >>>](#)

Out of Production  
**Get it before it's gone!**

## BETTER



### ACTIVPANEL 9

- ✓ Personalized Accounts Accessible from Anywhere
- ✓ Roaming Profiles
- ✓ Center Console and Intuitive Remote
- ✓ Real Time Screen Share

[VIEW FULL SPECS >>>](#)

## BEST

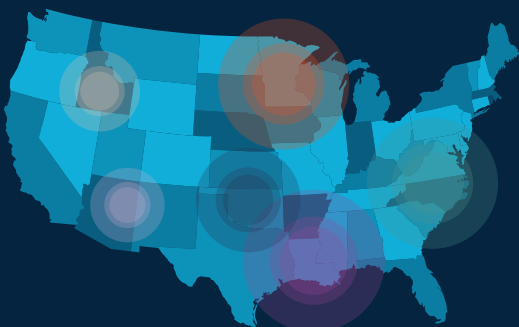


### ACTIVPANEL 9 PREMIUM

- ✓ Mic Array and Recording
- ✓ Bi-Directional ActivSync
- ✓ NFC Sign In
- ✓ Built In Subwoofer

[VIEW FULL SPECS >>>](#)

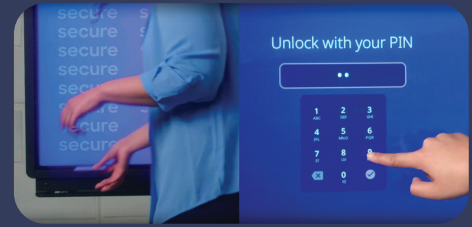
**New ActivPanel 9 features** Vellum touch technology, pen and finger differentiation, palm erase, palm rejection, and 20-point touch.



## NATIONWIDE IFP SERVICES NOW AVAILABLE FROM TRAFERA

From white glove to installation to on-site and virtual teacher trainings, Trafera can now offer services and support for IFP deployments nationwide\*.

Services limited based on region. Talk to a rep for more information.



## TEACHING, MADE MORE POWERFUL WITH ACTIVPANEL 9 PREMIUM

- ✓ **Mic array and recording app** allows teachers to build a digital content library to be shared with current and future students, parents and faculty.
- ✓ Bi-directional features of **ActivSync** enable seamless transfer of information from panel to devices and from device to panel.
- ✓ **NFC sign in** improves security, enables mobility, allows teachers to customize their experience more than ever, and ultimately gives time back to focus on teaching.
- ✓ **Built in sub woofer** allows for an improved, fuller sound.
- ✓ **6.5GB RAM and 64GB Storage** allow for a faster, more robust experience.



## NO GOODBYES NEEDED... YET ACTIVPANEL 7 NICKEL STILL IN STOCK!

You can still get your hands on the Promethean **ActivPanel 7 Nickel** – an economical panel option for any budget – from Trafera. While supplies last.



Promethean

Visit [trafera.com/promethean](https://trafera.com/promethean) to learn more.

Email [sales@trafera.com](mailto:sales@trafera.com)

Call (651) 888-7922

# ActivPanel<sup>®</sup>

Nickel<sup>™</sup> with USB-C



## DISPLAY

Diagonal Size	65" 4K, 75" 4K, 86" 4K
Screen Type	TFT LCD (Direct LED Backlight)
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
Resolution	4K UHD (3840 x 2160 @ 60 Hz)
Response Time	8 ms
Panel Refresh Rate	60 Hz
LED Lifespan	50,000 hours
LCD Viewing Angle	178°
Brightness	65" 4K: 350 cd/m2 75" 4K: 350 cd/m2 86" 4K: 400 cd/m2
Contrast Ratio	4000:1
Ambient Light Sensor	Yes
Glass Hardness	9H (Pencil), 7 (Mohs)
Glass Type	Heat-tempered, Anti-Glare

## INTERACTIVITY

Front Facing Controls	Yes, with Power, Menu, Volume Controls, Source Selection
Touch Technology	Vellum <sup>™</sup> Writing Technology
Continuous Touch Points	15
Touch Resolution	32768 x 32768 px
Response Time	10 ms
Touch Accuracy	1 mm
Tracking Rate	4 m/s
Scan Rate	100 Hz
Gestures and Edge Swipes	Windows <sup>®</sup> Supported
Pens Included	1
Pen Type	Battery-less Pen
Pen Holder	Integrated Full-length Pen Tray
Pen Tip Diameter	3 mm
Pen and Touch Differentiation	No
Palm Detection	Yes
Annotation Over Any Source	Yes
Classroom Essential Apps	Including Whiteboard, Annotate, Timer, Spinner, Screen Capture, Screen Share, Browser, PDF Reader, Media Players
Compatibility	Windows <sup>®</sup> 8 to 10; OS X <sup>®</sup> 10.8 to 10.11 macOS <sup>®</sup> Sierra 10.12.1 or later; Linux <sup>®</sup> Ubuntu <sup>®</sup> 18.04 LTS; Chrome OS <sup>™</sup>

## CONNECTIVITY

HDMI <sup>®</sup> 2.0 In (Rear)	1
HDMI 2.0 In (Front)	1
VGA In	1
VGA Audio In	1
USB-A 2.0 (Rear)	1
USB-A 2.0 (Front)	1
USB-A 3.0 (faster data transfer, Front)	1 (OPS)
USB-B Touch (Rear)	1
USB-B Touch (Front)	1
USB-C PD2.0, USB 2.0, DP1.2 (Rear)	1
LAN In (RJ45)	1x 10/100 Mbps
LAN Out (RJ45)	1x 10/100 Mbps
Wake-on-LAN	Yes
Wi-Fi <sup>®</sup> Module IEEE <sup>®</sup> 802.11a/b/g/n/ac	Included
Wireless, 2x2	
RS-232	Yes
CVBS	1
Mic In (3.5 mm)	1
Headphone	1
OPS Slot	1

## COMPUTING

Operating System	Android <sup>™</sup> Oreo 8
RAM	2 GB
Internal Storage	16 GB
CPU	Quad Core: (2) ARM Cortex A73, (2) ARM Cortex A53
GPU	ARM Mali-G51 MP2
Remote Over-the-Air Updates	Yes
Promethean Panel Management	Yes

## AUDIO

Dual Front Facing Speakers	2 x 15 Watts
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# ActivPanel®

## Nickel™ with USB-C

### POWER

Power Requirements	100V - 240V AC
Power Consumption (Typical)	65" 4K: 107W 75" 4K: 107W 86" 4K: 159W
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

### PHYSICAL SPECIFICATIONS

Panel Dimensions	65" 4K: 1536 x 960 x 90 mm (60.5 x 37.8 x 3.5 in) 75" 4K: 1767 x 1093 x 106 mm (69.6 x 43.0 x 4.2 in) 86" 4K: 2018 x 1236 x 113 mm (79.4 x 48.7 x 4.4 in)
Packed Dimensions	65" 4K: 1720 x 1095 x 272 mm (67.7 x 43.1 x 10.7 in) 75" 4K: 1880 x 1160 x 320 mm (74.0 x 45.7 x 12.6 in) 86" 4K: 2140 x 1340 x 280 mm (84.3 x 52.8 x 11.0 in)
Net Weight	65" 4K: 46 kg (101 lbs) 75" 4K: 62 kg (137 lbs) 86" 4K: 82 kg (181 lbs)
Packed Weight	65" 4K: 57 kg (126 lbs) 75" 4K: 77 kg (170 lbs) 86" 4K: 100 kg (220 lbs)
Wall Mount Dimensions	1010 x 720 x 52 mm (39.8 x 28.3 x 2.0 in)
VESA Mount Point	65" 4K: 600 x 400 mm (23.6 x 15.7 in) 75" 4K: 600 x 400 mm (23.6 x 15.7 in) 86" 4K: 700 x 400 mm (27.6 x 15.7 in)

### COMPLIANCE & CERTIFICATION

Regulatory Certifications	CE, FCC, IC, UL, CUL, CB, RCM
Energy Star Certified	65" 4K: Yes 75" 4K: Yes 86" 4K: Yes

### EDUCATION SOFTWARE LICENSE

ActivInspire® Professional	Included
Single User	

### PACKED CONTENTS

What's in the Box	(1) ActivPanel Nickel (1) 3M Length HDMI Cable (1) 3M Length USB Cable (A-B) (1) 3M Regional Power Cable (1) 2M Length USB-C Cable (1) Remote Control (2) Batteries for Remote Control (1) ActivPanel Nickel Pen (1) Sealed Antistatic Bag (4) VESA mount screws (M6) (1) Mini PC Bracket with screws (1) Quick Install Guide (1) Promethean Wi-Fi Module (Ni/Co) (2) Antenna (1) Promethean Wi-Fi Module (Ni/Co) User Guide (1) Wall Mount
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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).

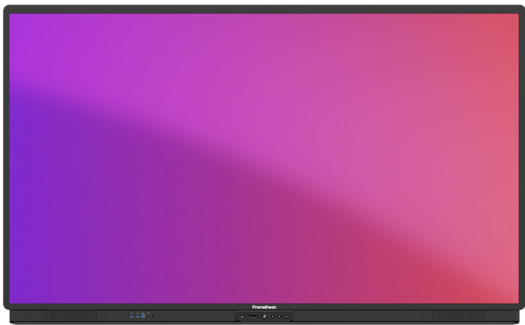
### WARRANTY

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

### SUPPORT

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

# ActivPanel 9



## DISPLAY

Screen Size and Resolution	65" 4K
	75" 4K
	86" 4K
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)
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

## 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
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## 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 (Rear)	1 (60 W Power Delivery)
USB-B 3.0 (Touch, Front)	1
USB-B 3.0 (Touch, Rear)	3
USB-A 3.0 (Front)	2
USB-A 3.0 (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



# ActivPanel 9

## POWER

Power Requirements	100 V - 240 V AC
Energy Star Power Consumption	65" 4K: 128 W 75" 4K: 141 W 86" 4K: N/A
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 x 1045 x 220 mm (65.4 x 41.1 x 8.7 in) 75": 1900 x 1160 x 225 mm (74.8 x 45.7 x 8.9 in) 86": 2160 x 1310 x 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
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## 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
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## INSTALLATION

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## WARRANTY

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## SUPPORT

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# ActivPanel 9

## Premium



### DISPLAY

Screen Size and Resolution	65" 4K 75" 4K 86" 4K
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)
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

### INTERACTIVITY

Vellum Touch Technology	Yes
Continuous Touch Points	20
Touch Resolution	32768 x 32768 px
Response Time	≤5 ms
Touch Accuracy	1 mm
Tracking Rate	4 m/s
Scan Rate	200 Hz
Gestures and Edge Swipes	Windows® supported
Eraser Included (Block Eraser)	Yes
Unique Pen IDs	2
Pen and Touch Differentiation	Yes
Palm Erase	Yes
Palm Rejection	Yes, writing and non-writing hand
Pens Included	Yes, 4
Pen Type	Battery-less pen
Pen Holder	Integrated full-length pen tray
Pen Tip Diameter	3 mm (Eraser 7 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	6.5 GB
Internal Storage	64 GB
CPU	ARM CORTEX - A73 x 4
GPU	ARM Mali-G52 2EE MC2
ActivSync™	Yes
Trusted Platform Module	Yes
Cloud Based User Profiles	Yes

### AUDIO

Dual Front-facing Speakers	2 x 18 W
Subwoofer	1 x 15 W
Microphone Array	Yes

### CONNECTIVITY

OPS Slot	1
HDMI In (Rear)	2 (1 x 2.0, 1 x 2.1)
HDMI In (Front)	1 (2.0)
Display Port	1 (1.2)
USB-A 2.0 (Rear)	1
USB-C 3.2 (Rear)	1 (100 W Power Delivery)
USB-B 3.0 (Touch, Front)	1
USB-B 3.0 (Touch, Rear)	3
USB-A 3.0 (Front)	2
USB-A 3.0 (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)
VGA In	1
PC Audio (3.5 mm)	1
AV-In (3.5 mm)	1
Mic (3.5 mm)	1
Audio Out (3.5 mm)	1
RS-232	1
Proximity Sensor for Warm Boot	Yes
NFC (Near-field Communication)	Yes

# ActivPanel 9

## Premium

### PANEL MANAGEMENT

OTA Updates	Yes
Promethean Panel Management	Yes

### POWER

Power Requirements	100 V - 240 V AC
Energy Star Power Consumption	65" 4K: 119 W
	75" 4K: 163 W
	86" 4K: 194 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: Yes

### PHYSICAL SPECIFICATIONS

Panel Dimensions	65": 1508 x 945 x 85 mm (59.4 x 37.2 x 3.3 in)
	75": 1730 x 1070 x 86 mm (68.1 x 42.1 x 3.4 in)
	86": 1974 x 1207 x 86 mm (77.7 x 47.5 x 3.4 in)
Packed Dimensions	65": 1655 x 1035 x 225 mm (65.2 x 40.7 x 8.9 in)
	75": 1870 x 1175 x 225 mm (73.6 x 46.2 x 8.9 in)
	86": 2125 x 1295 x 260 mm (83.7 x 51 x 10.2 in)
Panel Net Weight	65": 44.5 kg (98.1 lb)
	75": 57.8 kg (127.4 lb)
	86": 73.3 kg (161.6 lb)
Packed Weight	65": 61.5 kg (135.6 lb)
	75": 78.5 kg (173.1 lb)
	86": 95.7 kg (211 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	Included
Single User	

### PACKED CONTENTS

What's in the Box	1x ActivPanel 9 Premium
	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
	4x Pens
	1x Block Eraser
	1x Sealed Antistatic Bag
	8x Desiccant
	4x VESA Mount Screws (M6)
	1x Mini PC Bracket with Screws (x2)
	2x NFC Cards
	1x Quick Install Guide
	1x Promethean Wi-Fi/Bluetooth Module
	3x Antennae
	1x Wi-Fi/Bluetooth Module User Guide
	1x Wall Mount

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