

# ActivPanel®

## Nickel 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)<br>75" 4K: 1652 x 930 mm (65 x 36.6 in)<br>86" 4K: 1895 x 1066 mm (74.6 x 41.9 in) |
| Display Colours              | 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 Brightness | 178°  |
| Brightness                   | 65" 4K: 350 cd/m2<br>75" 4K: 350 cd/m2<br>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™ 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® 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® 8 to 10; OS X® 10.8 to 10.11<br>macOS® Sierra 10.12.1 or later;<br>Linux® Ubuntu® 18.04 LTS; Chrome OS™ |

### CONNECTIVITY

|   |                |
|---|----------------|
| HDMI® 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® Module IEEE® 802.11a/b/g/n/ac    | Optional       |
| Wireless, 2x2                           |                |
| RS-232                                  | Yes            |
| CVBS                                    | 1              |
| Mic In (3.5 mm)                         | 1              |
| Headphone                               | 1              |
| OPS Slot                                | 1              |

### COMPUTING

|                             |  |
|-----------------------------|--|
| Operating System            | Android™ Oreo 8                                      |
| RAM                         | 2 GB   |
| Internal Storage            | 16 GB  |
| CPU                         | Quad Core: (2) ARM Cortex A73,<br>(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 |
|----------------------------|--------------|

# ActivPanel<sup>®</sup>

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### POWER

|                             |  |
|-----------------------------|--|
| Power Requirements          | 100V - 240V AC                               |
| Power Consumption (Typical) | 65" 4K: 107W<br>75" 4K: 107W<br>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)<br>75" 4K: 1767 x 1093 x 106 mm (69.6 x 43.0 x 4.2 in)<br>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)<br>75" 4K: 1880 x 1160 x 320 mm (74.0 x 45.7 x 12.6 in)<br>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)<br>75" 4K: 62 kg (137 lbs)<br>86" 4K: 82 kg (181 lbs)  |
| Packed Weight         | 65" 4K: 57 kg (126 lbs)<br>75" 4K: 77 kg (170 lbs)<br>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)<br>75" 4K: 600 x 400 mm (23.6 x 15.7 in)<br>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<br>75" 4K: Yes<br>86" 4K: Yes |

### EDUCATION SOFTWARE LICENSE

|  |          |
|--|----------|
| ActivInspire <sup>®</sup> Professional | Included |
| Single User                            |          |

### PACKED CONTENTS

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

### 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](http://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](http://PrometheanWorld.com/Warranty).

### SUPPORT

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

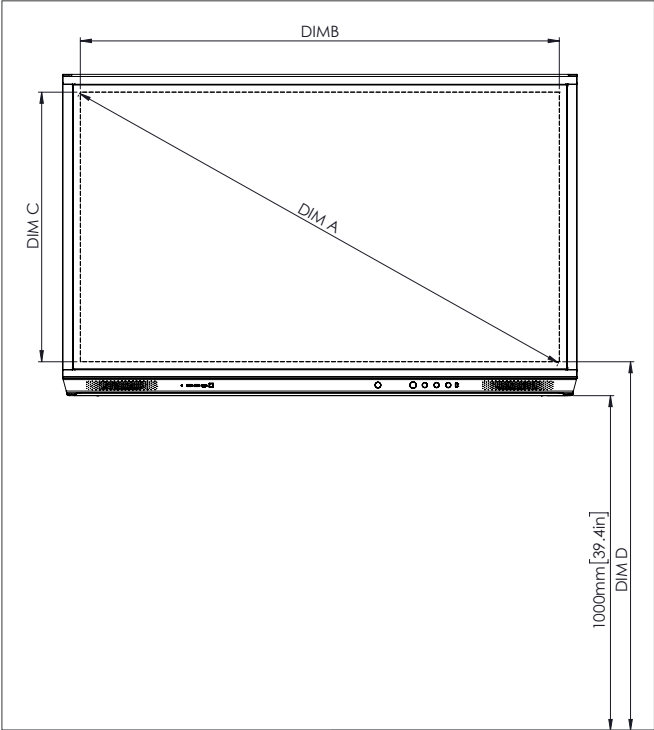
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Nickel with USB-C

TECHNICAL DRAWINGS

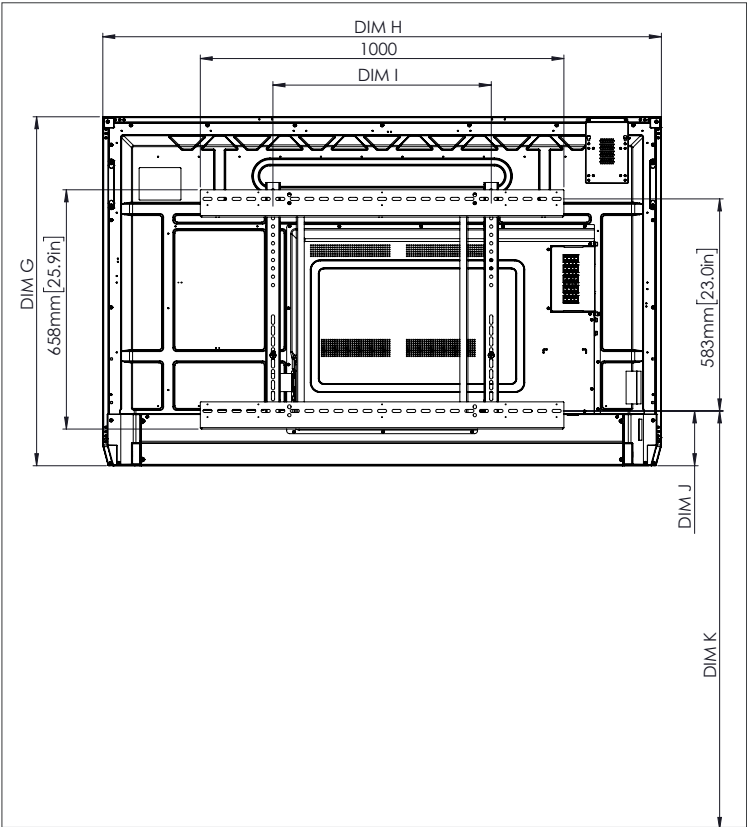
65"  
4K

Front

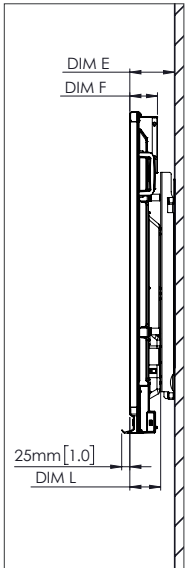


| DIM   | DIMENSIONS (MM) | DIMENSIONS (IN) |
|-------|-----------------|-----------------|
| A     | 1641            | 64.6            |
| B     | 1430            | 56.3            |
| C     | 805             | 31.7            |
| D     | 1101            | 43.3            |
| E     | 133             | 5.2             |
| F     | 83              | 3.3             |
| G     | 960             | 37.8            |
| H     | 1536            | 60.5            |
| I     | 600             | 23.6            |
| J Min | 152             | 5.9             |
| J Max | 289             | 11.4            |
| K Min | 1151            | 45.3            |
| K Max | 1289            | 50.7            |
| L     | 90              | 3.5             |

Back



Side

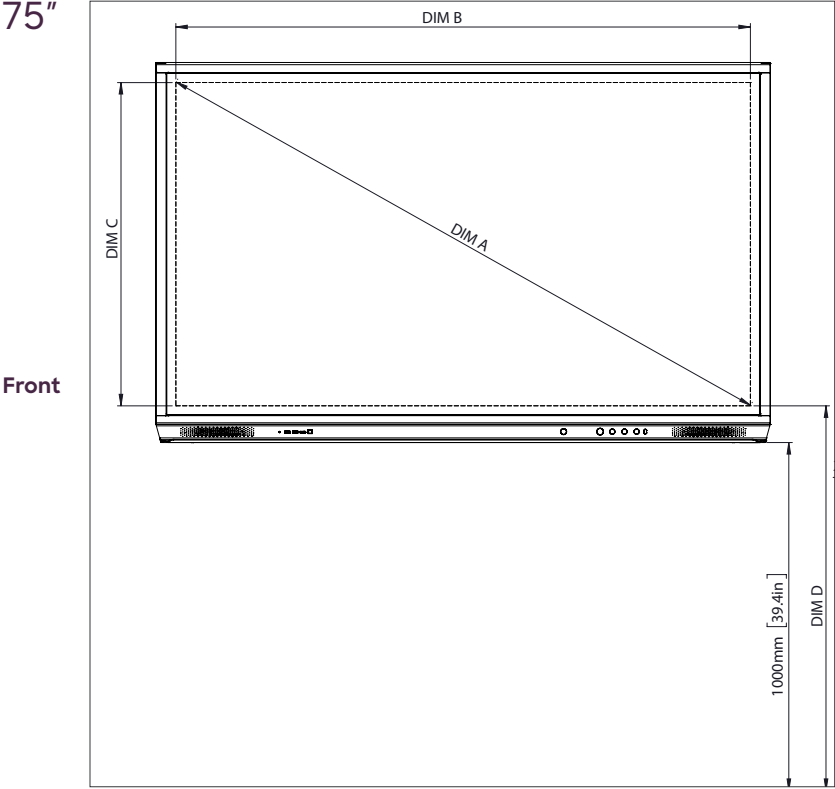


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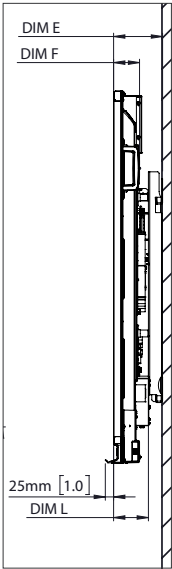
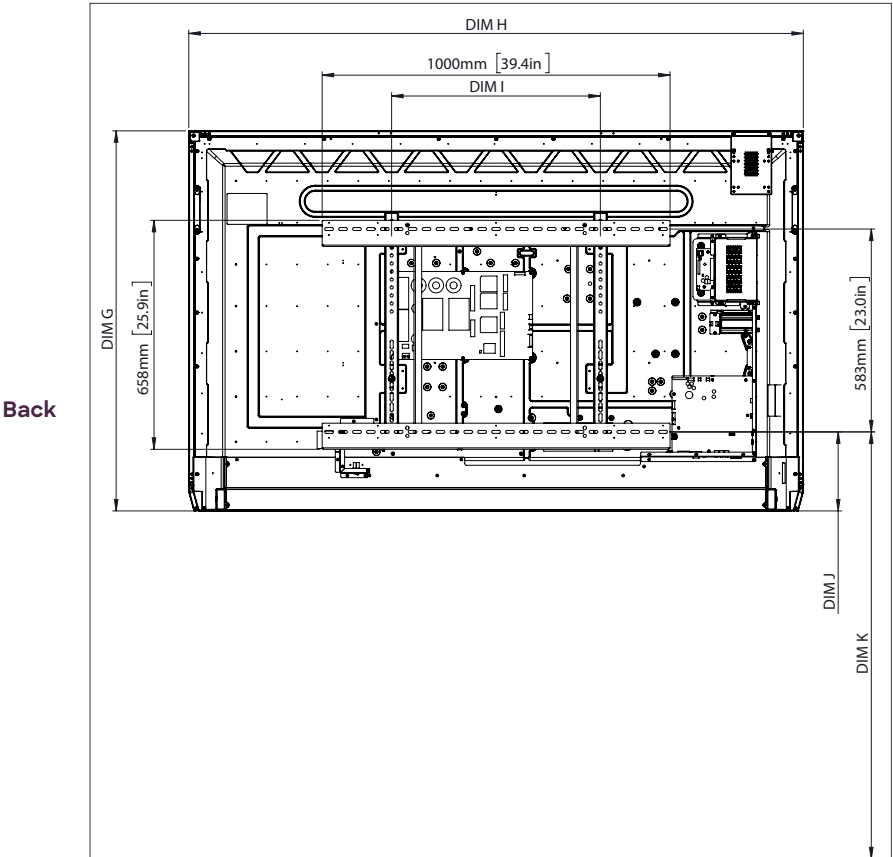
Nickel with USB-C

TECHNICAL DRAWINGS

75"



| DIM   | DIMENSIONS (MM) | DIMENSIONS (IN) |
|-------|-----------------|-----------------|
| A     | 1895            | 74.6            |
| B     | 1652            | 65.0            |
| C     | 929             | 36.6            |
| D     | 1105            | 43.5            |
| E     | 144             | 5.7             |
| F     | 76              | 3.0             |
| G     | 1093            | 43.0            |
| H     | 1767            | 69.6            |
| I     | 600             | 23.6            |
| J Min | 228             | 9.0             |
| J Max | 365             | 14.4            |
| K Min | 1228            | 48.3            |
| K Max | 1365            | 53.7            |
| L     | 106             | 4.2             |



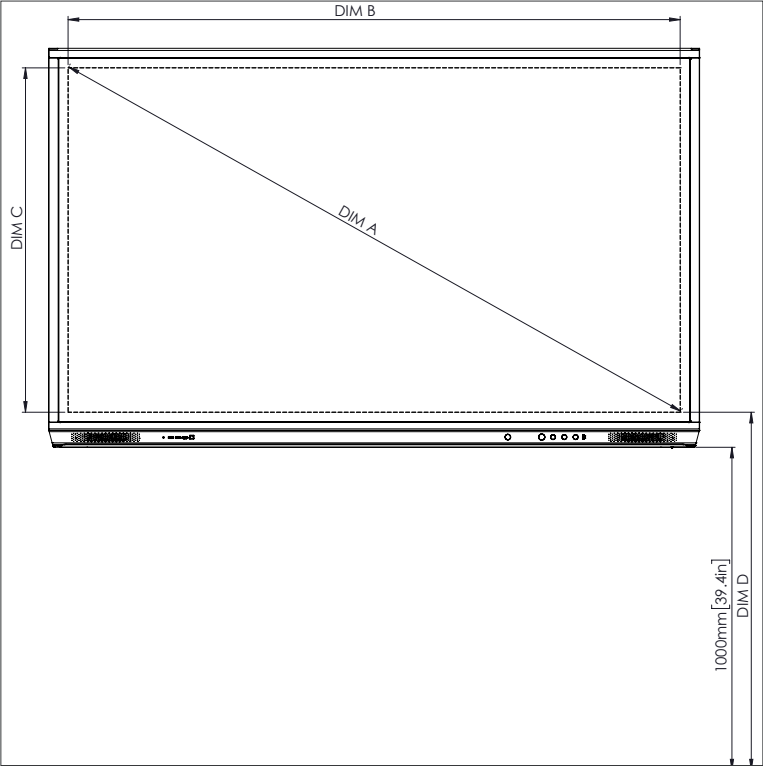
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Nickel with USB-C

TECHNICAL DRAWINGS

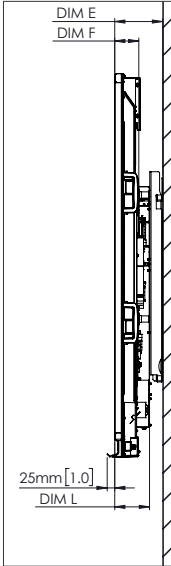
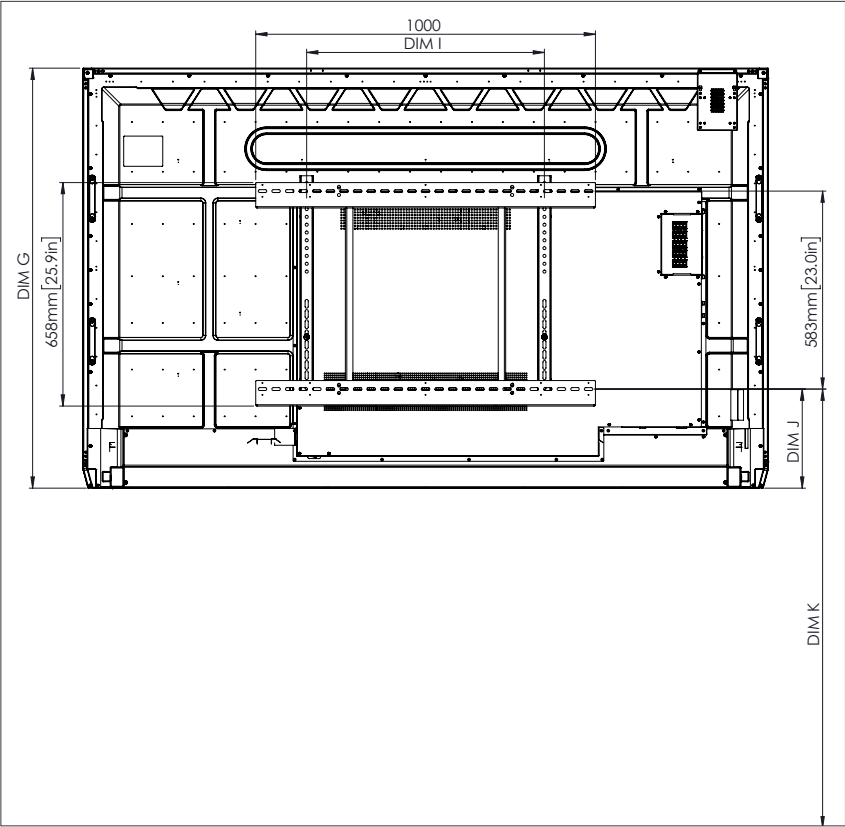
86"

Front



| DIM   | DIMENSIONS (MM) | DIMENSIONS (IN) |
|-------|-----------------|-----------------|
| A     | 2177            | 85.7            |
| B     | 1897            | 74.7            |
| C     | 1067            | 42.0            |
| D     | 1107            | 43.6            |
| E     | 155             | 6.1             |
| F     | 78              | 3.1             |
| G     | 1236            | 48.7            |
| H     | 2018            | 79.4            |
| I     | 700             | 27.6            |
| J Min | 292             | 11.5            |
| J Max | 430             | 16.9            |
| K Min | 1292            | 50.9            |
| K Max | 1430            | 56.3            |
| L     | 113             | 4.4             |

Back



Side