

# ActivPanel

with Vellum

Promethean



### DISPLAY

|                      |   |
|----------------------|---|
| Diagonal Size        | 70" 4K, 75" 4K, 86" 4K  |
| Screen Type          | TFT LCD (Direct LED Backlight)  |
| Aspect Ratio         | 16:9  |
| Display Area         | 70" 4K: 1541 x 868 mm (60.7 x 34.2 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 Colors       | 1.07 Billion  |
| Resolution           | 4K UHD (3840 x 2160 @ 60 Hz)  |
| Response Time        | 8 ms  |
| Refresh Rate         | 120 Hz  |
| LCD Viewing Angle    | 178°  |
| Brightness           | 70" 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

|                                |   |
|--------------------------------|---|
| Angled Center Console          | Yes, with Power, Volume Control, Menu, Freeze, No Touch, Source Selection Buttons                                   |
| Vellum™ Writing Technology     | Yes   |
| Continuous Touch Points        | 20  |
| Touch Resolution               | 32768 x 32768 px  |
| Response Time                  | ≤5 ms   |
| Touch Accuracy                 | 1 mm  |
| Tracking Rate                  | 6 m/s   |
| Scan Rate                      | 200 Hz  |
| Gestures and Edge Swipes       | Windows® Supported  |
| Eraser Included (block eraser) | 1   |
| Pens Included                  | 4 with Rear Erasing Feature   |
| Pen Type                       | Battery-less Pen  |
| Pen Holder                     | Integrated Full-length Pen Tray   |
| Pen Tip Diameter               | 3 mm  |
| Pen and Touch Differentiation  | Yes   |
| Pen Identities                 | 2   |
| Palm Detection                 | Yes   |
| Annotation Over Any Source     | Yes   |
| Classroom Essential Apps       | Included  |
| Compatibility                  | Windows® 7 to 10<br>OS X® 10.8 to 10.11<br>macOS® Sierra 10.12.1 or later<br>Linux® Ubuntu® 18.04 LTS<br>Chrome OS™ |

### CONNECTIVITY

|  |  |
|--|--|
| OPS Slot                                 | 1  |
| HDMI® In (Rear)                          | 2 (2.0)  |
| HDMI In (Front)                          | 1 (2.0)  |
| USB-A 2.0 (Rear)                         | 2  |
| USB Touch (Type B) (Rear)                | 3  |
| USB Touch (Type B) (Front)               | 1  |
| USB-A 3.0 (faster data transfer) (Rear)  | 2  |
| USB-A 3.0 (faster data transfer) (Front) | 2  |
| LAN In (RJ45)                            | 1x 10/100/1000 Mbps                            |
| LAN Out (RJ45)                           | 1x 10/100/1000 Mbps                            |
| RS-232                                   | Yes  |
| Wake-on-LAN                              | Yes  |
| Wi-Fi® Module                            | Included, IEEE® 802.11a/b/g/n/ac Wireless, 2x2 |
| Bluetooth®                               | Yes (4.2)                                      |
| DP In                                    | 1 (1.2)  |
| HDMI Out                                 | 1 (2.0)  |
| VGA In                                   | 1  |
| VGA Audio In                             | 1  |
| CVBS                                     | 1  |
| Mic In (3.5 mm)                          | 1  |
| Headphone                                | 1  |
| Proximity Sensor for Warm Boot           | Yes  |

### COMPUTING

|                      |   |
|----------------------|---|
| Operating System     | Android™ Oreo 8                                   |
| RAM                  | 4 GB  |
| Internal Storage     | 64 GB (32 GB x2)                                  |
| CPU                  | Quad Core: (2) ARM Cortex A73, (2) ARM Cortex A53 |
| GPU                  | ARM Mali-G51 MP4                                  |
| Over-the-Air Updates | Yes   |

### AUDIO

|   |  |
|---|--|
| Dual Front Facing, Bass Enhanced Speakers | 70" 4K: 2 x15 Watts<br>75" 4K: 2 x15 Watts<br>86" 4K: 2 x 20 Watts |
|---|--|