

Promethean AP6-70W ActivPanel 70" Interactive Flat Panels

Description	ActivPanel 70" HD Interactive Flat Panels
Display	
Diagonal Size	Available in 65" 4K, 70" HD, 75" 4K, 86" 4K
Screen Type	TFT LCD (Direct LED Backlight)
Aspect Ratio	16:09
Display Area	70" HD: 1541 x 868 mm (60.7 x 34.2 in)
Bezel Depth (Glass to bezel edge)	70" HD: 4.1 mm
Resolution	70" HD (1920 x 1080 px @ 60 Hz)
Display Colors	1.07 Billion (10 bits)
Response Time	70" HD: 6 ms
Refresh Rate	60 Hz
Contrast Ratio	4000:01:00
Brightness	70" HD
Glass Hardness	7 Mohs, 9H pencil
Glass Type	Heat-tempered, Anti-Glare
Ambient Light Sensor	Yes
Freeze Screen	Yes
Blank Screen	Yes
Connectivity	75" 4K, 86" 4K
HDMI In	x4 (2.0)
HDMI Out	x1
USB Touch	x4
VGA In	x1
VGA Audio In	x1
Audio Out (3.5 mm)	N/A
SPDIF Out	x1
YPbPr	N/A
CVBS	N/A
Mic In (3.5 mm)	x1
Headphone	x1
USB 2.0	x2
USB 3.0	x1
RS232 Serial	x1
OPS Slot	x1
RJ45 In	x1
RJ45 Out	x1
SD Card	x1 Micro
Audio	
Speakers	Front-facing stereo speakers
Power	70" HD: 2 x 10 W
Interactivity	
Continuous Touch Points	70" HD
Gestures and Edge Swipes	Windows Supported
Touch Technology	InGlass Technology
Touch Resolution	0.4 mm (minimum)
Contact Detection Height	=<0.95 mm @ 2 mm object size
Max Touch Response Time	18 ms (first touch), 13 ms (continuous)
Touch Accuracy	1 mm
Tracking Rate	4 m/s
Scan Rate	=<6.7 ms
Whiteboard	Gesture controls, palm and block erase, protractor, ruler, and more
Compatibility*	Windows 7 to 10 OS X 10.8 to 10.11 macOS Sierra 10.12.1 or later Linux Ubuntu 16.04 LTS Chrome OS
Pen	
Pens Included	70" HD
Pen Type	Touch differentiated battery-less pen
Pen Holder	Integrated full-length pen tray and accessory holder
Pen Tip Diameter	70" HD
Android Module	
Product Name	ActivConnect OPS-G
Operating System	Android 6.0 Marshmallow
CPU	Realtek RTD1295 Quad Core Up to 1.4 GHz
GPU	ARM T820; Up to 4K @ 60Hz
RAM	2 GB DDR4
Internal Storage	16 GB
Ethernet Connectivity	x1 RJ-45 (10/100/1000Mbps)
Wi-Fi and Bluetooth	IEEE 802.11a/b/g/n Wireless 802.11AC 2x2, Bluetooth 4.1
Connectivity Ports	x1 Micro SD card reader and supports memory size up to 32GB; x2 USB-A 2.0; x1 HDMI In; x1 USB-B Touch
Hotspot Access Point	Yes
Power	
Power Requirements	100V - 240V AC
Power Consumption (Normal)	70" HD: <= 200 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 and Certification	
Regulatory Certification	CE, FCC, IC, UL, CUL, CB, RCM
Energy Star Certified	Yes: 65" 4K, 70" HD, 75" 4K

