



# Planar HB86

## 4K Touch Screen Collaboration Display

The Planar HB86 is an 86" huddle board display with 4K resolution and pinpoint-accurate, 20-point Projected Capacitive touch, designed for in-room and remote collaboration. It features an embedded Android® operating system with a digital whiteboard and is pre-loaded and collaboration applications. The display also has wireless connectivity and an OPS slot to support external devices such as a Window 10 PC. The display's passive and active stylus pens help ensure efficiency.

The Planar HB86 huddle board is compliant with United States Trade Agreements Act (TAA) regulations.



SPECIFICATION	DETAIL
Product Name	HB86
Planar Part Number	998-2159-00
Protective Glass	2mm with AG coating
Touch Technology	In-Cell Projected Capacitive (PCAP) 20 point touch
Touch Interface	USB-B
OS Compatibility	Internal: Android; External; Windows 8, 10, Mac OSX and Linux
Display Resolution	Ultra HD (3840 x 2160)
Screen Size	86 in. (diagonal)
Aspect Ratio	16:9
Display Technology	IPS LCD
Display Active Area	74.6" x 42.0" (1895mm x 1066mm)
Viewing Angle (typ)	178°
Backlight	Direct-Lit LED
Backlight life (1/2 brightness)	30,000 hrs (min)
Brightness	350 nits
Response Time (typ)	8 ms
Frame Rate	60Hz
Contrast Ratio (typ)	1000:1
Pixel Pitch	0.4935mm x 0.4935mm

<b>Color Gamut</b>	72% NTSC
<b>Display Color</b>	>1 billion colors. Full 10 bit data path
<b>External Connections</b>	DisplayPort 1.2 x 1, HDMI 2.0 x 3 (HDCP 2.2), VGA x 1, USB-B (for touch controller), microSD slot, USB 2.0 for external USB camera, OPS Slot
<b>Modes</b>	3840x2160 @ 24/25/30/50/60Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz
<b>Display Control</b>	LAN, WiFi (802.11 b/g/n, 2.4 GHz, 5 GHz), Bluetooth, RS232 In, IR, Keypad
<b>Cabinet Dimensions (W x H x D)</b>	77.1" x 45.4" x 3.6" (1958mm x 1153mm x 92mm)
<b>Orientation</b>	Landscape
<b>Bezel Width</b>	0.1" (3mm)
<b>Inactive Area</b>	1.1" (27.9mm)
<b>Weight</b>	139 lbs (63 kg)
<b>Audio Input</b>	PC Line In
<b>Audio Output</b>	PC Line Out, S/PDIF
<b>Speakers</b>	15W x 2 built-in
<b>Enclosure</b>	All metal enclosure
<b>Mounting</b>	VESA: 800mm x 600mm
<b>Fanless</b>	Yes
<b>Line Voltage</b>	100-240V; 50/60Hz
<b>Power Consumption (typ)</b>	350W (standby: <0.5W)
<b>Operating Temperature</b>	0° to +40°C (32° to 104°F) up to 3000m
<b>Humidity</b>	20 - 85% RH (non-condensing)
<b>Operating System</b>	Android 8.0
<b>Video Processing</b>	CPU: ARM A73 (x2) + ARM A53 (x2)   Frequency: 1.5 GHz   GPU: Mali-G51   RAM: 3GB DDR4 2400MHz
<b>Options / Features</b>	Logo-free bezel, lockable rear keypad
<b>Approvals</b>	FCC Class A, CE, NRTL - United States and Canada
<b>TAA Compliance</b>	Yes
<b>Warranty</b>	3 years
<b>Recommended Usage</b>	Up to 18x7
<b>In the Box</b>	HB86 display, US power cord, HDMI cable, USB A to B cable, remote control, WiFi antenna x2, Bluetooth antenna x1, active stylus - x2, passive stylus - x2, cable clips, QuickStart Guide
<b>UPC</b>	8 10689 00806 4

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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