

# PHILIPS



Collaboration  
Display

Signage Solutions

86"

Powered by Android

Multi-touch



86BDL3152E

## Interactive display

Featuring multi-touch technology

This interactive display maximises engagement and inspires collaboration with up to 40 touchpoints. Powered by Android 13 and with toughened anti-glare and anti-reflection glass, it's made to withstand heavy daily use in busy environments.

### Smart and powerful

- OPS slot allows PC embedding without cabling
- Android SoC for seamless software and app integration
- PPDS Wave-ready for remote display management and control
- Built-in ambient light sensor

### Style and safety built in

- Cast directly from any device
- Anti-glare toughened glass
- Palm rejection

### Interactive and collaborative

- Multi-touch technology capable of 40 touchpoints
- Advanced IR touch
- Wireless presentations
- Whiteboard application

## Highlights

### **OPS slot**

Integrate a full-power PC or Android-powered CRD module directly into your Philips Professional Display. The OPS slot contains all of the connections you need to run your slot-in solution, including a power supply.

### **Powered by Android**

Our integrated Android 13 OS has been specially developed to bring a next-level secure professional System on Chip. Save your favourite apps and software directly into the display or choose from the large library of Android apps.

### **Anti-glare toughened glass**

Anti-glare, anti-reflection, 7 MoH hardness.

### **PPDS Wave ready**

Your PPDS Wave-ready display enables you to manage and maintain this device remotely, wherever you are, whenever you choose. This evolutionary cloud platform puts you fully in control, with simplified installation and setup, monitoring and controlling displays, upgrading

firmware, managing central content needs and setting power schedules — saving you time, energy and environmental impact.

### **Built-in ambient light sensor**

Built-in ambient light sensors contribute to energy savings by automatically adjusting the screen brightness to the surrounding lighting conditions.

### **Palm rejection**

Palm rejection for enhanced precision.

### **Multi-touch technology**

Create a memorable interactive experience with up to 40 touchpoints at the same time for slick, agile lessons or brainstorming sessions. Perfect for collaborative and co-creation applications, this display connects your audience with any content. Offering enhanced user friendliness with eraser functionality, palm rejection and tip-size recognition.

### **Advanced IR touch**

Advanced 0-gap IR touch with smaller, shallower bezels.

### **Wireless presentations**

Philips ScreenShare makes it easy for teachers and students to wirelessly share their screens from their own device, whatever the operating system, via the browser or their favourite apps onto the Philips Interactive Collaboration display.

### **Embedded whiteboard application**

The embedded whiteboard application enables seamless collaboration and brainstorming directly on the display.

### **Cast directly from any device**

Teachers, students or employees can cast directly from their device with AirPlay, Google Cast and Miracast.

# Specifications

## Picture/Display

Diagonal screen size (metric): 218.44 cm  
 Diagonal screen size (inch): 86 inch  
 Aspect ratio: 16:9  
 Panel resolution: 3840 x 2160  
 Pixel pitch: 0.4935 (H) x 0.4935 (V) [mm]  
 Optimum resolution: 3840 x 2160 @ 60 Hz  
 Brightness: 400 cd/m<sup>2</sup>  
 Display colors: 1.07 B  
 Contrast ratio (typical): 5000:1  
 Response time (typical): 8 ms  
 Viewing angle (horizontal): 178 degree  
 Viewing angle (vertical): 178 degree  
 Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement  
 Panel technology: VA  
 Operating system: Android 13  
 OS UI resolution: 1920 x 1080 @ 60 Hz

## Connectivity

Audio output: 3.5 mm Mini Jack (x 1), SPDIF  
 Video input: HDMI 2.0 (x 3), VGA (Analogue D-Sub) (x 1), USB-C (up to 65 W), USB 2.0 (x 1), USB 3.0 (x 4)  
 Audio input: 3.5 mm mini jack (x 1)  
 Other connections: OPS, USB-B (x 2)  
 External control: RS232C (in) D-Sub9, RJ45 x 2  
 Bluetooth: BT5.2

## Convenience

Placement: Landscape (16/7)  
 Screen-saving functions: Pixel Shift, Low Brightness  
 Keyboard control: Lockable  
 Remote control signal: Lockable  
 Other convenience: Carrying handles  
 Network controllable: RS232, RJ45

## Sound

Built-in speakers: 2 x 16 W

## Power

Mains power: 100 ~ 240 VAC, 50/60 Hz  
 Consumption (Typical): 180 W  
 Standby power consumption: <0.5 W  
 Power Saving Features: Smart Power  
 Energy Label Class: D

## Supported Display Resolution

Video formats: 480i, 60 Hz, 480p, 60 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 2160p, 30, 60 Hz

## Dimensions

Set Width: 1957 mm  
 Set Height: 1159.9 mm  
 Set Depth: 95.5 mm  
 Set Width (inch): 77.05 inch  
 Set Height (inch): 45.67 inch  
 Wall Mount: 800 x 600 mm, M8  
 Set Depth (inch): 3.94 inch  
 Bezel width (L/R, T/B): 16.6 mm (L/R/T)/45.0 mm (B)

## Weight

Product with packaging (kg): 75 kg  
 Product with packaging (lb): 165.35 lb  
 Product without stand (kg): 59.2 kg  
 Product without stand (lb): 130.51 lb

## Operating conditions

Altitude: 0 ~ 5000 m  
 Temperature range (operation): 0 ~ 40 °C  
 MTBF: 30,000 hour(s)  
 Temperature range (storage): -20~60 °C  
 Humidity range (operation)[RH]: 10~90% (without condensation)  
 Humidity range (storage) [RH]: 10~90% (without condensation)

## Multimedia Applications

USB Playback Video: H.263, H.264, H.265, MPEG1/2, MPEG4, VP8  
 USB Playback Picture: BMP, JPEG, PNG  
 USB Playback Audio: AAC, MPEG, HEAAC

## Internal Player

CPU: Quad-Core Cortex A55  
 GPU: Multi-Core Mali-G52  
 Memory: 4 GB RAM  
 Storage: 32 GB eMMC  
 Wi-Fi: 2.4/5 GHz

## Accessories

Accessories: Power code (US, UK, EU), HDMI cable, USB-A to B, Remote control and AAA batteries, 2 pcs stylus, Quick start guide, Wall mount

## Miscellaneous

On-Screen Display Languages: Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese  
 Warranty: 5-year warranty  
 Regulatory approvals: CE, FCC, Class A, RoHS, CB, EAC, EMF, ETL, Energy Star 8.0

## Interactivity

Multi-touch technology: 0-gap Infrared touch  
 Touchpoints: 50 simultaneous touch points (depending on application)  
 Plug and play: HID compliant  
 Protection glass: Anti-Glare, Tempered safety glass 7 MOHS

