

# PHILIPS



Collaboration  
Display

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL4252E

## Interactive display

Featuring multi-touch technology

This interactive display, powered by Android 14, has up to 50 touchpoints, maximising engagement and collaboration. Toughened anti-glare, anti-reflection and anti-fingerprint glass are ideal for heavy daily use in busy environments.

### Smart and powerful

- OPS slot allows PC embedding without cabling
- EDLA certified display and Android 14
- Philips 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 and anti-reflection toughened glass 7 MOH
- Palm rejection
- Blue light filter

### Interactive and collaborative

- Wireless presentations
- Embedded microphones
- Multi-touch technology capable of 50 touchpoints
- Advanced IR touch and 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.

### **EDLA certified**

Improved user experience and students' engagement, security and app integration are all part of the service. Directly benefit from Google apps and services natively, including Google Classroom, Docs and Slides, and seamlessly integrate Chromebooks and other Android-native devices for simpler and more intuitive teaching and learning.

### **Philips Wave-ready**

Your Philips Wave-ready display enables you to manage and maintain this device remotely, wherever you are, whenever you choose. This evolutionary cloud platform puts you in full 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.

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

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

### **Anti-glare and anti-reflection toughened glass 7 MOH**

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

### **Blue light filter**

Blue light filter to help protect eyes and avoid eye fatigue.

### **Palm rejection**

Palm rejection for enhanced precision.

### **Wireless presentations**

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

### **Multi-touch technology**

Create a memorable interactive experience with up to 50 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 and whiteboard application.**

Advanced 0 gap IR touch with smaller, shallower bezels. The embedded whiteboard application enables seamless collaboration and brainstorming directly on the display.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 190.5 cm  
**Diagonal screen size (inch):** 75 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.4296 x 0.4296 mm  
**Optimum resolution:** 3840 x 2160 @ 60 Hz  
**Brightness:** 400 cd/m<sup>2</sup>  
**Display colours:** 1.07 billion  
**Contrast ratio (typical):** 1200:1  
**Dynamic contrast ratio:** 500,000:1  
**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:** ADS  
**Operating system:** Android 14  
**OS UI resolution:** 3840 x 2160 @ 60 Hz

## Connectivity

**Audio output:** 3.5 mm Mini Jack (x 1), SPDIF digital audio out (1 x)  
**Video input:** HDMI 2.0 (x 3), USB 3.0 (x 4), USB-C (up to 65 W), USB-C  
**Audio input:** 3.5 mm mini jack (x 1), Display port  
**Other connections:** OPS, USB-B (x 2)  
**Video output:** HDMI 2.0 (x 1), VGA  
**External control:** RS232C (in/out) D-Sub9, Gb LAN x 2  
**Bluetooth:** 5.2 BLE

## Convenience

**Placement:** Landscape (18/7)  
**Screen-saving functions:** Pixel Shift, Low Brightness  
**Keyboard control:** Lockable  
**Remote control signal:** Lockable  
**Signal loop through:** RS232, IR Loop through  
**Other convenience:** Carrying handles, NFC, Bluetooth  
**Network controllable:** RS232, RJ45

## Sound

**Built-in speakers:** 2 x 20 W

## Power

**Mains power:** 100 ~ 240 VAC, 50/60 Hz  
**Consumption (Typical):** 130 W  
**Standby power consumption:** <0.5 W  
**Power Saving Features:** Smart Power  
**Energy Label Class:** F

## Supported Display Resolution

**Computer formats:** 800 x 600, 56, 60, 72, 75 Hz, 848 x 480, 60 Hz, 1024 x 768, 60, 70, 75, 85 Hz, 1152 x 864, 75 Hz, 1280 x 960, 60, 85 Hz, 1280 x 1024, 60, 67, 75 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz, 3840 x 2160, 24, 25, 30, 60 Hz  
**Video formats:** 480p, 60 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 2160p, 50, 60 Hz, 480i, 60 Hz

## Dimensions

**Set Width:** 1709.4 mm  
**Set Height:** 1031 mm  
**Set Depth:** 97.3 mm  
**Set Width (inch):** 67.30 inch  
**Set Height (inch):** 41.30 inch  
**Wall Mount:** 800 x 400 mm, M8  
**Set Depth (inch):** 3.83 inch  
**Bezel width:** 17.3 mm (T), 16.4 mm (R/L), 44.9 mm (B)

## Weight

**Product with packaging (kg):** 55 kg  
**Product with packaging (lb):** 121.25 lb  
**Product without stand (kg):** 39.5 kg  
**Product without stand (lb):** 87.1 lb

## Operating conditions

**Altitude:** 0 ~ 3000 m  
**Temperature range (operation):** 0 ~ 40 °C  
**MTBF:** 50,000 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, VP9  
**USB Playback Picture:** BMP, JPEG, PNG, WEBP  
**USB Playback Audio:** AAC, HEAAC, MPEG

## Internal Player

**CPU:** 4 x A73 + 4 x A53  
**GPU:** Multi-Core Mali-G52  
**Memory:** 8 GB  
**Storage:** 128 GB eMMC  
**Wi-Fi:** 2T/2R 2.4/5/6 GHz

## Accessories

**Included Accessories:** Cleaning cloth (x 1), AC Power Cord, Philips logo (x 1), Quick start guide (x 1), Remote control and AAA batteries, USB A to B cable (3 m) (x 1), AC switch cover and Screw x 1, HDMI cable (1.8 m) (x 1), Touch Pen (x 2)  
**Optional accessories:** Pen tray with 2 x colour stylus

## 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

## Interactivity

**Multi-touch technology:** 0-gap Infrared touch  
**Touchpoints:** 50 simultaneous touch points  
**Plug and play:** HID compliant  
**Protection glass:** Anti-Glare, Blue light filter, Tempered safety glass 7 MOHS  
**Built-in Microphone**

