

# PHILIPS



Collaboration  
Display

Signage Solutions

75"

Powered by Android

Multi-touch



75BDL4152E

## Interactive display

Featuring multi-touch technology

This interactive display, powered by Android 14, has up to 40 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
- Android SoC for seamless software and app integration
- Philips Wave-ready for remote display management and control
- Google EDLA certified

### Style and safety built-in

- Built-in ambient light sensor
- Anti-glare and anti-reflection toughened glass 7 MOH
- Palm rejection
- Blue light filter

### Interactive and collaborative

- Advanced IR touch capable of 40 touchpoints
- Philips ScreenShare for wireless casting
- Whiteboard application

## Highlights

### OPS slot

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

### Powered by Android

Our integrated Android 14 OS has been specially developed to bring a next level secure professional System on Chip. Save your favorite apps and software directly into the display or, choose from the large library of Android apps .

### 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 fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing central content needs, and setting power schedules. Saving you time, energy and environmental impact.

### Google EDLA certified

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

### Anti-glare and anti-reflection

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.

### Advanced IR touch capable of 40 touchpoints

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 0-gap IR touch with smaller, shallower bezels.

### Philips ScreenShare

Teachers, students, or faculty staff can cast from any device, running any OS, on any network, from anywhere. Users can also leverage AirPlay, Google Cast, and Miracast for their wireless casting needs

### 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.

### Embedded whiteboard application

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

# Specifications

## Picture/Display

Diagonal screen size (metric): 189.3 cm  
 Diagonal screen size (inch): 74.5 inch  
 Aspect ratio: 16:9  
 Panel resolution: 3840 x 2160  
 Pixel pitch: 0.4296 x 0.4296 mm  
 Optimum resolution: 3840 x 2160 @ 60Hz  
 Brightness: 400 cd/m<sup>2</sup>  
 Display colors: 1.07Billion  
 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 (x1)  
 Video input: HDMI 2.0 (x3), USB 3.0 (x2), USB 2.0 (x1), USB-C (up to 65W), USB-C  
 Audio input: 3.5 mm mini jack (x1)  
 Other connections: OPS, USB-B (x2), Micro USB (x1) (OTG)  
 Video output: HDMI 2.0 (x1)  
 External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, Gb LAN x2  
 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 Loophrough  
 Other convenience: Carrying handles, NFC, Bluetooth  
 Network controllable: RS232, RJ45

## Sound

Built-in speakers: 2 x 20 W

## Power

Mains power: 100 ~ 240 VAC, 50/60Hz  
 Consumption (Typical): 155 W  
 Standby power consumption: <0.5W  
 Power Saving Features: Smart Power  
 Energy Label Class: G. EPEAT Silver.

## Supported Display Resolution

Computer formats: 800 x 600, 56, 60, 72, 75Hz, 848 x 480, 60Hz, 1024 x 768, 60, 70, 75, 85Hz, 1152 x 864, 75Hz, 1280 x 960, 60, 85Hz, 1280x1024, 60,67,75Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz  
 Video formats: 480p, 60Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 2160p, 50, 60Hz, 480i, 60Hz

## Dimensions

Set Width: 1715.2 mm  
 Set Height: 1018.3 mm  
 Set Depth: 116.15 mm  
 Set Width (inch): 67.53 inch  
 Set Height (inch): 40.09 inch  
 Wall Mount: 600x400mm,M8  
 Set Depth (inch): 4.57 inch  
 Bezel width: 16.7mm(T/R/L), 41.5mm(B)

## Weight

Product with packaging (kg): 56.8 kg  
 Product with packaging (lb): 125.22 lb  
 Product without stand (kg): 45.5 kg  
 Product without stand (lb): 100.31 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]: 20 ~ 80% (without condensation)  
 Humidity range (storage) [RH]: 5 ~ 95% (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: 4xA73 + 4xA53  
 GPU: Multi-Core Mali-G52  
 Memory: 8GB  
 Storage: 32 GB eMMC  
 Wifi: 2T/2R 2.4/5/6 GHz

## Accessories

Included Accessories: Cleaning cloth (x1), AC Power Cord, Philips logo (x1), Quick start guide (x1), Remote control & AAA batteries, USB A to B cable (3m) (x1), AC switch cover & Screw x1, Touch Pen (x2)  
 Optional accessories: Pen tray with 3x color stylus and eraser

## 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  
 Touch points: 40 simultaneous touch points  
 Plug and play: HID compliant  
 Protection glass: Anti-Glare, Blue light filter, Tempered safety glass 7MOHS

