

PHILIPS



Collaboration
Display

Signage Solutions

65"

Powered by Android

Multi-touch



65BDL4152E

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
- Blue light filter
- Palm rejection

Interactive and collaborative

- Philips ScreenShare for wireless casting
- Advanced IR touch capable of 40 touchpoints
- 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 favourite 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 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.

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.

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

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.

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.

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): 163.9 cm
 Diagonal screen size (inch): 64.5 inch
 Aspect ratio: 16:9
 Panel resolution: 3840 x 2160
 Pixel pitch: 0.372 x 0.372 mm
 Optimum resolution: 3840 x 2160 @ 60 Hz
 Brightness: 400 cd/m²
 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)
 Video input: HDMI 2.0 (x 3), USB 3.0 (x 2), USB 2.0 (x 1), USB-C (up to 65 W), USB-C
 Audio input: 3.5 mm mini jack (x 1)
 Other connections: OPS, USB-B (x 2), Micro USB (x 1) (OTG)
 Video output: HDMI 2.0 (x 1)
 External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, 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): 132 W
 Standby power consumption: <0.5 W
 Power Saving Features: Smart Power
 Energy Label Class: G. EPEAT Silver.

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: 1492.02 mm
 Set Height: 892.28 mm
 Set Depth: 116.15 mm
 Set Width (inch): 58.74 inch
 Set Height (inch): 35.13 inch
 Wall Mount: 500 x 400 mm, M8
 Set Depth (inch): 4.57 inch
 Bezel width: 16.7 mm(T/R/L), 41.9 mm(B)

Weight

Product with packaging (kg): 42.8 kg
 Product with packaging (lb): 94.36 lb
 Product without stand (kg): 34.7 kg
 Product without stand (lb): 76.50 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: 4 x A73 + 4 x A53
 GPU: Multi-Core Mali-G52
 Memory: 8 GB
 Storage: 32 GB eMMC
 Wi-Fi: 2T/2R 2.4/5/6 GHz

Accessories

Included Accessories: Philips logo (x 1), Quick start guide (x 1), USB A to B cable (3 m) (x 1), AC Power Cord, AC switch cover and Screw x 1, Cleaning cloth (x 1), Remote control and AAA batteries, Touch Pen (x 2)
 Optional accessories: Pen tray with 3 x colour 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
 Touchpoints: 40 simultaneous touchpoints
 Plug and play: HID compliant
 Protection glass: Anti-Glare, Tempered safety glass 7 MOHS, Blue light filter

