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
- Philips Wave-ready for remote display management and control

Style and safety built in

- Built-in ambient light sensor
- Anti-glare toughened glass
- Palm rejection

Interactive and collaborative

- Advanced IR touch capable of 40 touchpoints
- Wireless presentations
- 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.

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

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.

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.

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.

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.

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/m²
Display colours: 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

© 2025 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

Issue date 2025-12-17
Version: 14.14.1

EAN: 87 12581 80608 8

www.philips.com