PHILIPS

Collaboration Display

Signage Solutions

75"

Powered by Android

Multi-touch

75BDL4152E

Interactive display

Featuring multi-touch technology

This interactive display, powered by Android 13, 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

- 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 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 allpart of the service. Directly benefit from Googleapps and services natively, including GoogleClassroom, Docs and Slides, seamlessly integrateChromebooks and other Android-native devicesfor simpler and more intuitive teaching andlearning.

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 toenergy savings by automatically adjusting thescreen brightness to the surrounding lightingconditions.

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/m²
Display colors: 1.07Billon
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 Loopthrough
Other convenience: Carrying handles, NFC, Bluetooth
Network controllable: RS232, RJ45

Sound
Built-in speakers: 2 x20 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: 3 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

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