

Philips Signage Solutions
E-Line Display

65"
Powered by Android
Multi-touch



65BDL4152E

Interactive education 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, anti-reflection and anti-fingerprint glass, it's 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
- PPDS Wave-ready for remote display management and control
- In-built motion sensors save energy when not in use
- EDLA certified for security

Style and safety built in
- 0-gap touch frame
- Anti-glare and anti-reflection toughened glass 7 MOH
- Palm rejection
- Blue light filter to help protect eyes

Interactive and collaborative
- Wireless presentations
- Multi-touch technology capable of 40 touchpoints
- Advanced IR touch with smaller, shallower bezels

PHILIPS

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.

Powered by Android
Our integrated Android 13 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 and play content from there.

PPDS Wave ready
Your PPDS 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 setup, monitoring and controlling displays, upgrading firmware, managing central content needs and setting power schedules — saving you time, energy and environmental impact.

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EDLA certified for security
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Anti-glare and anti-reflection toughened glass 7 MOH
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Blue light filter to help protect eyes
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Palm rejection
Palm rejection

Multi-touch technology
Create a memorable interactive experience with up to 40 touchpoints at the same time for slick, agile lessons. Perfect for collaborative and competitive applications, this display connects your audience with any content. And the touch panel is HID compliant, providing true plug-and-play operation.

Advanced IR touch with smaller
Advanced 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 Collaboration display.

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

Embedded whiteboard application
Embedded whiteboard application

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Specifications

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

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 13
- OS UI resolution: 3840 x 2160 @ 60 Hz

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
- Consumption (Max): TBD
- 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), HDMI cable (1.8 m) (x 1), Remote control and AAA batteries, Touch Pen (x 2)

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

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Specifications

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

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