Interactive education 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
- PPDS Wave-ready for remote display management and control
- In built motion sensors saving energy when not in use
- EDLA certified for security

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

Interactive and collaborative
- Multi-touch technology capable of 40 touchpoints
- Advanced IR touch with smaller, shallower bezels
- Philips ScreenShare - wirelessly connect any device

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Highlights

Cast directly from any device
0-gap touch frame

Advanced IR touch with smaller
Advanced IR touch with smaller, shallower bezels

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.

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Embedded whiteboard applicatio
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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.

OPS slot
Integrate a full-power PC or Android-powered CRD 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.

Palm rejection
Palm rejection

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 E-Line display.

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 set-up, monitoring and controlling displays, upgrading firmware, managing central content needs, and setting power schedules. Saving you time, energy and environmental impact.

Specifications

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)
- Audio input: 3.5 mm mini jack (x1)
- Other connections: OPS, USB-B (x2), Micro USB (x1) (OTG), Thermal sensor
- Video output: HDMI 2.0 (x1)
- External control: IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack, RJ45 x2

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 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 Loopthrough
- Ease of installation: Smart Insert, AC Out
- Other convenience: Carrying handles, NFC,

Bluetooth
- Network controllable: RS232, RJ45

Sound
- Built-in speakers: EPEAT Silver for 4152E

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

Supported Display Resolution
- Computer formats: 640 x 350, 70Hz, 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 832 x 624, 75Hz, 848 x 480, 60Hz, 960x720, 75Hz, 1024x768, 60,70Hz, 1152 x 864, 60, 70, 75Hz, 1152 x 900, 66Hz, 1280 x 720, 60,70Hz, 1280 x 768, 60Hz, 75Hz, 1280 x 800, 60,75Hz, 1280 x 960, 60Hz, 1280x1024, 60,67,75Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1400 x 1050 ,60, 75Hz, 1600 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 1920 x 1200, 60Hz, 3840 x 2160, 24,25,30,60Hz, 1440 x 900, 60Hz, 720 x 400, 70Hz
- 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
- USB Playback Audio: AAC, HEAAC, MPEG

Internal Player
- CPU: 4xA73 + 4xA53
- GPU: Multi-Core Mali-G52
- Memory: 8GB
- Storage: 32 GB eMMc
- Wifi: 2G/5G/6G 2T2R

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, HDMI cable (1.8 m) (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,

Specifications

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

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