

# PHILIPS



Signage 4050 Series



32BDL4050Q

## Philips Signage 4050 Series

Efficiency made easy – your versatile 24/7 display

Inform and enthrall with Philips Signage 4050. The FHD resolution is matched with enhanced brightness and high haze, and the efficiency of the tried and tested Android 10 SoC. Wave-ready for remote management, putting you in full control.

### Easy operation

- Remote management with Philips Wave
- Add optional Philips ScreenShare

### Energy Star compliant. EPEAT rating in progress

- Supporting business sustainability and energy savings.

### 24/7 operation

- 400 cd/m<sup>2</sup> brightness
- Higher haze rate for better visibility
- Easily mounted in landscape or portrait.

### Plug and play with Android 10

- Proven reliability. No need for an external media player.

# Highlights

## **24/7 operation**

With 400 cd/m<sup>2</sup> brightness for better visibility, the Philips Signage 4050 display is designed to be used 24/7, making it a great choice for travel and transport hubs, retail centres, food and beverage locations, and more. FailOver is also included, enabling your display to switch automatically between primary and secondary inputs should an outage occur.

## **Versatile orientation**

Install in portrait or landscape orientations, with size variants to suit a range of installation purposes across a range of settings and industries.

## **Plug and play with Android 10**

Tried, tested and proven intuitive user experience, with a professional Android 10 SoC built in for easy app and solution integrations, and no need for an external media player.

## **Wave ready**

Manage your display and control content remotely with the Philips Wave Controller – your evolutionary ecosystem designed to support time, energy and cost efficiencies. Discover software applications to support your interactive vision from our network of proven partners on the PPDS ProStore.

## **Wireless screen sharing**

Add in the fully secure and GDPR-compliant optional Philips ScreenShare presentation software for instant and effortless content sharing using any device, on any network, and without additional hardware.

## **Energy Star compliant. EPEAT rating in progress**

Supporting business sustainability and energy savings, with power-saving features and more environmentally friendly materials in the product and the packaging.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 80 cm  
**Diagonal screen size (inch):** 31.5 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 1920 x 1080p  
**Pixel pitch:** 0.36375 x 0.36375 mm  
**Optimum resolution:** 1920 x 1080 @ 60 Hz  
**Brightness:** 400 cd/m<sup>2</sup>  
**Display colours:** 16.7 Million  
**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, Dynamic contrast enhancement, Progressive scan  
**Panel technology:** ADS  
**Operating system:** Android 10  
**Haze:** 25%

## Connectivity

**Audio output:** 3.5 mm jack  
**Video input:** HDMI 2.0 (x 2), USB 2.0 (x 2), DVI-I (x 1), USB 3.0 (x 2)  
**Audio input:** 3.5 mm jack  
**Other connections:** micro SD  
**External control:** RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

## Convenience

**Placement:** Landscape (24/7), Portrait (24/7)  
**Tiled Matrix:** Up to 3 x 3  
**Keyboard control:** Lockable, Hidden  
**Remote control signal:** Lockable  
**Signal loop through:** RS232, IR Loop through  
**Energy-saving functions:** Smart Power  
**Network controllable:** RS232, RJ45

## Sound

**Built-in speakers:** 2 x 10 W RMS

## Power

**Mains power:** 100-240 V~, 50-60 Hz, 1.5 A  
**Standby power consumption:** <0.5 W  
**Power Saving Features:** Smart Power  
**Energy Label Class:** E  
**EEl Lot5 power consumption (W):** 26

## Supported Display Resolution

**Computer formats:** 720 x 400, 70 Hz, 640 x 480, 60, 67, 75 Hz, 800 x 600, 60 Hz, 832 x 624, 75 Hz, 1024 x 768, 60 Hz, 1152 x 870, 75 Hz, 1280 x 720, 60 Hz, 1920 x 1080, 60 Hz, 1680 x 1050, 60 Hz, 3840 x 2160, 30, 60 Hz  
**Video formats:** 480i, 60 Hz, 480p, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 3840 x 2160, 30, 60 Hz

## Dimensions

**Set Width:** 726.5 mm  
**Product weight:** 5.7 kg  
**Set Height:** 425.4 mm  
**Set Depth:** 69.1 (D@Handle)/65.1 (D@Wall mount) mm  
**Set Width (inch):** 28.6 inch  
**Set Height (inch):** 16.75 inch  
**Wall Mount:** 100 mm x 100 mm, 200 mm x 200 mm, M4  
**Set Depth (inch):** 2.72 (D@Handle) / 2.56 (D@Wall mount) inch  
**Bezel width:** 11.9 mm (L/R/T) 17.2 (B)  
**Product weight (lb):** 12.57 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% RH (No condensation)  
**Humidity range (storage) [RH]:** 5~95% RH (No condensation)

## Multimedia Applications

**USB Playback Video:** MPEG 1/2 (1080p 60 Hz), MPEG 4 (1080p 60 Hz), H.263 (1080p 60 Hz), H.264 (4K2K 60 Hz), H.265 (4K2K 60 Hz), VP8 (1080p 60 Hz), VP9 (4K2K 60 Hz)  
**USB Playback Picture:** JPEG, PNG, BMP, WEBP  
**USB Playback Audio:** AAC, HEAAC, MPEG 1/2/2.5 Layer 3, MPEG 1/2 Layer 1, MPEG 1/2 Layer 2

## Internal Player

**CPU:** Quad-Core Cortex A55  
**GPU:** G52 MC1  
**Memory:** 16 GB, 3 GB DDR

## Accessories

**Included Accessories:** RS232 daisy-chain cable, Philips logo (x 1), AC Power Cord, Quick start guide, Remote control and AAA batteries, RS232 cable, USB cover and screws

## Miscellaneous

**On-Screen Display Languages:** English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese, Arabic, Japanese  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CB, CE, FCC, Class A, VCCI, RoHS, UL

