



## Philips Signage 2000 Series

### Signage Solutions

55"

Powered by Android 14

400 cd/m<sup>2</sup>



55BDL2050A/00

## Philips Signage 2000 Series

### Elemental by design – digital display simplicity

The Philips Signage 2000 Series brings signage right back to basics – your elemental yet stylish, 16/7 display for simple integrations that don't need bells and whistles. Powered by Android 14, UHD and with 400 nits brightness.

#### **Android powered for hassle free integration**

- Android 14 professional System on Chip.
- 3GB RAM and 16GB storage.

#### **Modular design – versatile features**

- Optional wireless screen sharing with Philips ScreenShare.
- FailOver basics. Greater assurance for always on content.
- Add WiFi and Bluetooth with optional CRD22 module.
- Philips Wave ready for remote device management.

#### **Elemental design, great visual performance**

- Even bezel design.
- Install in portrait or landscape orientations.
- 16/7 – working your content when you need it.
- 400 cd/m<sup>2</sup> brightness.

## Highlights

### 16/7 operation

With 400 cd/m<sup>2</sup> brightness, the UHD Philips Signage 2000 Series is designed to be used 16/7 – ideal for dawn to dusk businesses ready to make an impression.

### Powered by Android 14

Powered by Android 14, your Philips Signage 2000 Series display is designed on a professional platform with trusted connectivity and security built in. Optimised for native Android apps and enabling you to install web apps and software directly onto the display, eliminating the need for an external media player.

### Modularity built in

Extend your display into the future with our modular approach. Bringing opportunities to add WiFi and Bluetooth with the optional CRD22 module, as well as Philips ScreenShare, plus a firm focus on reuse and recyclability, as well as sustainability, with reduced WEEE disposal.

### FailOver basics

FailOver basics via 5V hotplug detection. Critical for demanding commercial applications, FailOver via 5V hotplug allows you to set up a secondary content source that will automatically play in the unlikely event of the primary media feed failure.

### Philips Wave ready

Unlock the power, versatility and intelligence inside your Philips Signage 2000 Series displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy, and environmental impact.

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 138.7 cm  
**Diagonal screen size (inch):** 54.6 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.315 x 0.315 mm  
**Optimum resolution:** 3840 x 2160 @ 60 Hz  
**Brightness:** 400 cd/m<sup>2</sup>  
**Display colors:** 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, Dynamic contrast enhancement, Progressive scan, Motion adaptive de-interlacing  
**Panel technology:** ADS  
**Operating system:** Android 14  
**Haze:** 1%

## Connectivity

**Video input:** HDMI 2.0 (x2), USB-C (x1) with 4.5W PD  
**Other connections:** USB 3.0 (x2)  
**Video output:** N/A  
**External control:** RJ45, IR (in/out) 3.5 mm jack  
**Line out:** 3.5mm jack (fixed audio level)

## Convenience

**Placement:** Landscape (16/7), Portrait (16/7)  
**Tiled Matrix:** Up to 3 x 3  
**Keyboard control:** Lockable, Hidden  
**Remote control signal:** Lockable

**Signal loop through:** IR Loophrough  
**Energy saving functions:** ECO mode  
**Network controllable:** RJ45

## Power

**Mains power:** 100 ~ 240 VAC  
**Consumption (Typical):** 111 W  
**Standby power consumption:** <0.5 W  
**Energy Label Class:** G

## Supported Display Resolution

**Computer formats:** 1920 x 1080, 60Hz, 1600 x 1200, 60Hz, 1440 x 900, 60Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1024 x 768, 60, 70, 75Hz, 1680 x 1050, 60Hz, 3840 x 2160, 60Hz  
**Video formats:** 1080p, 50, 60Hz, 1080i, 50, 60Hz, 720p, 50,60 Hz, 2160p, 50, 60Hz

## Dimensions

**Set Width:** 1241.8 mm  
**Product weight:** 17.2 kg  
**Set Height:** 712.6 mm  
**Set Depth:** 63.6 mm  
**Set Width (inch):** 48.89 inch  
**Set Height (inch):** 28.06 inch  
**Wall Mount:** 400 mm x 400 mm, M6  
**Set Depth (inch):** 2.50 inch  
**Bezel width:** 13.9 mm (Even bezel)  
**Product weight (lb):** 37.92 lb

## Operating conditions

**Altitude:** 0 ~ 3000 m  
**Temperature range (operation):** 5 ~ 40 °C  
**MTBF:** 30,000 hour(s)

**Temperature range (storage):** -20 ~ 60 °C  
**Humidity range (operation)[RH]:** 10 ~ 90% RH  
(No condensation)

## Multimedia Applications

**USB Playback Video:** MPEG, H.264, H.263, H.265, AVI, MP4, VP8, VP9, MPEG4, WEBM  
**USB Playback Picture:** JPEG, BMP, PNG  
**USB Playback Audio:** AAC, HEAAC, MPEG

## Internal Player

**CPU:** Quad core Cortex A73  
**GPU:** ARM Mali G52 MC1  
**Memory:** 3GB RAM  
**Storage:** 16GB

## Accessories

**Included accessories:** Power cable 1.8M, Remote Control, External IR cable, AC Switch Cover, Logo Badge, USB Cover and screw  
**Optional accessories:** CRD22 Wifi & Bluetooth module, CRD73 Philips ScreenShare license

## Miscellaneous

**On-Screen Display Languages:** English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese, Arabic, Japanese, Danish, Swedish, Finnish, Norwegian, Dutch  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CE, CB, RoHS

