

# PHILIPS



Signage 4050 Series



32BDL4050Q

## Philips Signage 4050 Series

Efficiency made easy – your versatile 24/7 display

Inform and enthrall with Philips Signage 4050 Q-Line. 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.

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

- Supporting business sustainability and energy savings.

**24/7 operation**

- Higher haze rate for better visibility

**Plug and play with Android 10**

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

# Highlights

## **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.

## **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:** G

## 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

