

# PHILIPS



Signage 7000 Series

Signage Solutions

50"

24/7 operation

AI ready



50BDL7050P/00

## Philips Signage 7000 Series

UltraSlim and efficient – high performing signage

Bringing slimline sophistication to business, the Philips Signage 7050 streamlines space while performing to the max. Powered by Android and with a 3.0 TOPS NPU designed for your AI solutions, achieve exceptional performance in any setting

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

- Android 16 professional System on Chip
- Integrated Chromium-based browser
- 3.0 TOPS processing – ready for AI

### **Supporting time and energy efficiencies**

- Philips Wave ready for remote device management
- Connect and control your content via the cloud
- Designed for lower power consumption

### **Slimline design, stylish efficiency**

- Edge lit (ELED) – less than 30mm deep
- Even bezel design
- Optional wireless screen sharing with license

### **Always on for better visual performance**

- 24/7 performance with high-visibility content (500 cd/m<sup>2</sup>)
- FailOver. Greater assurance for always on content

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 125.7 cm  
**Diagonal screen size (inch):** 49.5 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.2854 x 0.2854 mm  
**Optimum resolution:** 3840 x 2160 @ 60Hz  
**Brightness:** 500 cd/m<sup>2</sup>  
**Display colors:** 1.07 billion  
**Contrast ratio (typical):** 4000:1  
**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:** VA  
**Operating system:** Android 16  
**Haze:** 25 %

## Connectivity

**Audio output:** 3.5mm jack  
**Video input:** HDMI 2.0 (x2), USB-C (x1) with 15W PD  
**Other connections:** USB 3.0 (x2)  
**Video output:** N/A  
**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232 (in) 2.5 mm jack  
**Bluetooth:** 5.2

## Convenience

**Placement:** Landscape, Portrait (24/7)  
**Tiled Matrix:** up to 3 x 3  
**Keyboard control:** Lockable, Hidden  
**Remote control signal:** Lockable  
**Signal loop through:** IR Loopthrough  
**Network controllable:** RJ45, WiFi

## Sound

**Built-in speakers:** 2 x 8W RMS Audio out 3.5 mm jack

## Power

**Mains power:** 100 ~ 240 VAC, 50 ~ 60 Hz  
**Standby power consumption:** <0.5 W

## Dimensions

**Set Width:** 1123.2 mm  
**Product weight:** 13 kg  
**Set Height:** 643.9 mm  
**Set Depth:** 28.5 mm  
**Set Width (inch):** 44.22 inch  
**Set Height (inch):** 25.35 inch  
**Wall Mount:** 400 x 400, M6  
**Set Depth (inch):** 1.12 inch  
**Bezel width:** 11.5 mm  
**Product weight (lb):** 28.66 lb

## Operating conditions

**Altitude:** 0 ~ 3000 m  
**Temperature range (operation):** 5 ~ 40 °C  
**MTBF:** 50,000 hour(s)  
**Temperature range (storage):** -20 ~ 60 °C  
**Humidity range (operation)[RH]:** 10 - 80% RH

## Multimedia Applications

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

## Internal Player

**CPU:** 2x A73 + 6x A53 RK3572  
**GPU:** ARM Mali G310V2 MC1  
**Memory:** 4GB RAM  
**Storage:** 32GB

## Accessories

**Included accessories:** Power cable 1.8M, Remote control + batteries, Quick setup guide, RS232 to 2.5mm jack cable, Logo badge  
**Optional accessories:** CRD73 Philips ScreenShare license

## Miscellaneous

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

# Highlights

## 24/7 operation

With 500 cd/m<sup>2</sup> brightness, the Philips Signage 7000 Series is designed to be used 24/7, making it a great selection for retail settings, quick service restaurants, public venues, and more.

## FailOver

Critical for demanding commercial applications, FailOver is a revolutionary technology that automatically plays back-up content on screen in the unlikely event of a media player failure. Simply select a primary input connection and a FailOver connection and you are ready for instant content protection

## Integrated SmartBrowser

Connect and control your content via the cloud with our integrated HTML5, Chromium-based browser. Design your content online and connect a single display, or your entire network, either landscape or portrait. Simply connect to the internet via an RJ45 cable

## 3.0 TOPS NPU

With 3.0 TOPS processing power that is ready for your AI applications already built in, ensuring your display is future proof to deliver high performance into the long term.

## Philips Wave ready

Unlock the power, versatility and intelligence inside your Philips Signage 7000 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.

## Powered by Android

Powered by Android, your Philips Signage 7000 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.



AI ready



FailOver

