

PHILIPS



Signage 7000 Series

Signage Solutions

55"

24/7 operation

AI ready



55BDL7050P/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/m²)
- FailOver. Greater assurance for always on content

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 @ 60Hz
Brightness: 500 cd/m²
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: 1237.9 mm
Product weight: 16 kg
Set Height: 710 mm
Set Depth: 28.5 mm
Set Width (inch): 48.74 inch
Set Height (inch): 27.95 inch
Wall Mount: 400 x 400, M6
Set Depth (inch): 1.12 inch
Bezel width: 11.5 mm
Product weight (lb): 35.27 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/m² 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.

