

PHILIPS



D-Line Display

Signage Solutions

43"

Powered by Android

500cd/m²



43BDL4650D

Smart and modular for an even longer lifetime powered by Android

Philips D-Line is designed to engage your audience and delight customers. Powered by Android 11 for easy software integrations, this versatile display is suitable for impact in any setting.

Expand your viewing experience

- ADS wide-view panel display

Innovative solutions for any signage application

- Save and play content with internal memory
- Android SoC processor. Native and web apps
- Integrated WiFi 6 and Bluetooth module

Care about you, your business and your audience

- 4G/LTE optional module for reliable connection
- Modularity - longer product lifetime
- FailOver. Ensure your display never goes blank

Maximizing the impact of your message

- Connect and control your content via the cloud
- Catch the Wave for revolutionary results

Specifications

Picture/Display

Diagonal screen size (metric): 108.0 cm
Diagonal screen size (inch): 42.5 inch
Aspect ratio: 16:9
Panel resolution: 3840 x 2160
Pixel pitch: 0.2451 x 2451 mm
Optimum resolution: 3840 x 2160 @ 60Hz
Brightness: 500 cd/m²
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, Motion compens. deinterlacing, Dynamic contrast enhancement, Progressive scan
Panel technology: ADS
Operating system: Android 11
Haze: 25%

Connectivity

Audio output: 3.5mm jack
Video input: DVI-I (x 1), DisplayPort 1.4 (x1), HDMI 2.0 (x2), USB 3.0 (x2), VGA (via DVI)
Audio input: 3.5 mm jack
Other connections: 4G/LTE antenna connectors, Micro USB (x1) (OTG), USB 2.0 (x1)
Video output: DisplayPort 1.4 (x1)
External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack
WiFi: WiFi 6 + Bluetooth 5.2 (slide-in module)

Convenience

Placement: Landscape (24/7), Portrait (24/7)
Tiled Matrix: Up to 10 x 15
Screen saving functions: Pixel Shift
Keyboard control: Hidden, Lockable
Signal loop through: RS232, IR Loopthrough, DisplayPort
Energy saving functions: Smart Power
Network controllable: RS232, External 4G mPCIe slot, RJ45, WiFi
WiFi protocol: a b g n, 802.11 ax, 802.11 ac

Sound

Built-in speakers: 2 x 10W RMS

Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
Consumption (Typical): 75 W
Standby power consumption: <0.5 W
Energy Label Class: G

Supported Display Resolution

Computer formats: 1024 x 768, 60Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1440 x 900, 60 Hz, 1600 x 900, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz, 3840 x 2160, 30, 60Hz, 640 x 480, 60Hz, 800 x 600, 60Hz
Video formats: 1080p, 50, 60Hz, 1080i, 50, 60Hz, 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50,60 Hz, 2160p, 50, 60Hz

Dimensions

Set Width: 973.0 mm
Product weight: 10.71 kg
Set Height: 561.2 mm
Set Depth: 63.5 mm
Set Width (inch): 38.31 inch
Set Height (inch): 22.09 inch
Wall Mount: 200 (H) x 200(V) mm, M6
Set Depth (inch): 2.50 inch
Bezel width: 13.9 mm (Even bezel)
Product weight (lb): 23.61 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, H.263, H.264, H.265, AVI, MP4, MPEG4, VP8, VP9, WEBM
USB Playback Picture: BMP, JPEG, PNG
USB Playback Audio: AAC, HEAAC, MPEG

Internal Player

CPU: 2x A72 + 4x A53
GPU: ARM Mali-T860 MP4
Memory: 4GB RAM
Storage: 32 GB eMMC

Accessories

Included Accessories: RS232 daisy-chain cable, Philips logo (x1), AC Switch Cover, USB Cover (x1), Screws, AC Power Cord, IR sensor cable (1.8 m) (x1), Quick start guide, Remote control & AAA batteries, RS232 cable, WiFi module, Wire Clamper (x3)

Miscellaneous

On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
Warranty: 3 year warranty
Regulatory approvals: CE, RoHS, CB, EMF, FCC, Class A, EnergyStar 8.0, UL

