

Philips  
Smart All-in-One display

Android  
23" (58.4 cm)

S231C4AFD



## Smart All-in-One

The world at your fingertips!

Open up a new world of opportunities with the Philips Smart All-in-One powered by Android™. The expansive 23-inch multi-touch display is perfect for streaming HD videos, music, e-Learning and web surfing to the next level.

### Android with a big view

- Pre-loaded apps get you started straight away
- Fast Internet access with Wi-Fi or Ethernet port
- App downloads from Google Play™ Store
- 16:9 Widescreen Full HD display for the best viewing experience
- Large optical multi-touch display for easy navigation

### Prime multimedia experience

- Play movies, photos and music directly from USB and SDHC drives
- Webcam and mic keeps you connected with family and friends
- Superb stereo sound for multimedia

### Easy to connect and enjoy

- Connect your own keyboard and mouse and explore the world
- SmartStand design features one-touch adjustment for easy use
- Expand your storage with SDHC media
- USB Hub with 2 ports for easy connections

# PHILIPS

# Highlights

## Big multi-touch screen

Open up a new world of opportunities with the Philips Smart All-in-One powered by Android. Thanks to its built-in advanced optical multi-touch technology, you can now manipulate your content with pinch, zoom, rotate, swipe or scroll. Its generous, large screen frees you from squinting at a small smart display. Reading e-books or newspapers is easy on your eyes thanks to its large font and picture capabilities. Its large touch screen is just the right tool to enable young children to express their creativity with e-painting, learn their alphabet or use interactive educational apps.

## 16:9 Widescreen Full HD



The Smart All-in-One features a 16:9 Full HD (1920 x 1080 resolution) screen for a fully immersive entertainment experience. It's fully future-proof as it supports 1080p signals from all sources, including the most recent Blu-ray and advanced HD game consoles. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

## Google Play™ Store

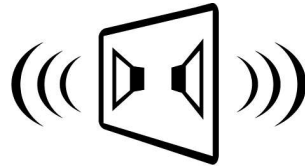
Enjoy great applications from the Google Play™ Store. A single touch on the app icon will take you to the store via Wi-Fi or Ethernet connection. Download and install apps for entertainment, games, utilities, office, photos, video, news, social networking etc., which are available and updated from the store. The

clear, easy-to-use interface helps you to browse intuitively and sort by rating, category or popularity.

## Socialise with webcam

The integrated webcam, with superb bright and crisp images, enables you to socialise with your family and friends — just like being face to face. The Smart All-in-One's ultra-sensitive microphone ensures that your voice carries through crisply and clearly. You can hear clear audio from its built-in stereo speakers, or attach your own headphones for private conversations. This simple built-in solution is easy to use and ready to go at any time.

## Superb stereo sound



## Built-in Speakers

Immerse yourself with the high-quality built-in stereo speakers.

## Expand your storage

Accommodate your ever-growing library. You can expand your storage capacity by adding an external SDHC card or USB flash using the built-in expansion slot.

## 2 Ports USB 2.0 HUB

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which have USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass through

to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

## SmartStand



The Philips Smart All-in-One features a SmartStand with maximum recline adjustability and easy one-touch-adjustment. The easy adjustment of the SmartStand enables you to use it in various ergonomic positions. With a recline position of just under 60 degrees, you can now interact with the display naturally to touch and type, or you can use it in an upright position to sit and do some serious work.

## Fast Internet access

CDMA or code division multiple access is a spread-spectrum digital cellular radio system that uses discrete codes to distinguish users.

## Pre-loaded apps

Pre-loaded apps get you started straight away

## Connect your own keyboard and

Connect your own keyboard and mouse and explore the world

## USB and SDHC memory drives

Play movies, photos and music directly from USB and SDHC drives



# Specifications

## Connectivity

- Signal Input: VGA (Analogue), MHL-HDMI (digital, HDCP), RJ 45
- USB: USB 2.0 x 2
- Audio (In/Out): PC audio-in, Headphone jack
- Wireless connections: Wi-Fi (Built in), Wireless LAN (802.11 b/g/n)
- SDHC card slot
- Mic in
- Webcam: 1 MP

## Picture/Display

- Panel Size: 23 inch/58.4 cm
- Aspect ratio: 16:9
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Optimum resolution: Android: 1920 x 1080, PC: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 509.18 (H) x 286.42 (V)
- SmartResponse (typical): 5 ms (Grey to Grey)
- Multi-touch optical panel: 2-point touch

## Pre-loaded applications

- Music Player
- Web Browser
- Gallery
- Camera
- Email
- Google Play
- Setting
- YouTube

## Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Power On/Off, Menu/OK, Volume/Up, Input/Down, SmartImage/Back
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Portuguese, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (75 x 75 mm)

## Sound

- Built-in Audio: 2.0 watts x 2

## Video/Audio Playback

- Audio format: MP2, MP3, AAC, Vorbis, AMR-NB
- Photo format: JPEG
- Video format: MPEG4, H.264, MPEG2

## Stand

- Tilt: 12–57.5 degree

## Power

- Power supply: External, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 28.9 W (typ.) (EnergyStar 5.2 test method)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Android standby mode: 5.5 W (typ.)

## Dimensions

- Product with stand (mm): 563 x 393 x 77 mm
- Packaging in mm (W x H x D): 623 x 463 x 125 mm
- Product without stand (mm): 563 x 359 x 50 mm

## Weight

- Product with packaging (kg): 6.74 kg
- Product with stand (kg): 5.00 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CCC, CECP, cETLus, CE Mark, CEL, FCC Class B, WEEE

## Cabinet

- Colour: Black Cherry
- Finish: Glossy

## System Specifications

- Operating system: Android 4.2
- Built-in memory capacity: 2 GB DDR3, 8 GB EMMC Flash
- External memory expansion: Optional external SDHC card, or USB flash drive up to 64 GB, or external HDD
- Processor: Quad-core, ARM-based, Nvidia Tegra T33, 1.6 GHz



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\* Requires external keyboard and mouse for Android (Not included in the offer)

\* External HDD may require additional power supply.

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\* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work

\* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.

\* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality