



Philips 6000 series
4K Ultra Slim TV powered
by Android TV™

123 cm (49")

4K Ultra-HD LED TV
Quad Core, 8 GB and expandable
DVB T/C/T2/T2-HD/S/S2



49PUS6401

4K Ultra Slim LED TV powered by Android TV with Ambilight 2-sided

Design meets performance with the Philips 6400 Series. Sitting on minimalist stand elements, your picture comes to life in 4K Ultra-HD and Pixel Plus Ultra-HD picture quality. With Android TV your entertainment options are virtually endless

Crafted Lightness

- Ambilight changes the way you look at TV forever
- Slim aluminium pinch stands for a premium lightweight look

Passionate about Picture Quality

- 4K Ultra HD is unlike any resolution you've ever seen before
- Micro Dimming Pro for incredible contrast
- Discover Ultra-HD Picture Quality with Pixel Plus Ultra HD
- Experience better contrast, colour and sharpness with HDR Plus
- The new integrated HEVC standard to enjoy high-quality 4K

Exhilarating. Limitless. Powered by Android

- Google Play™: your window to fun
- Cloud Gaming: high-quality games for all ages
- Unleash the power of Quad Core and integrated Android

PHILIPS

Highlights

Ambilight 2-sided



You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips' unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra-wide glow from two sides of your TV screen onto the surrounding wall. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Slim aluminium pinch stands

Every great artwork needs its own easel. And like every great artwork, your new Philips TV needs to be displayed in its rightful manner. Developed specifically for this model by our design team, these slim aluminium pinch stands are a true testament to the lightness and slim construction of this powerful TV series.

4K Ultra HD

Ultra HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able to experience. Enjoy improved sharpness,

increased depth perception, superior contrast, smooth natural motion and flawless details.

Pixel Plus Ultra HD

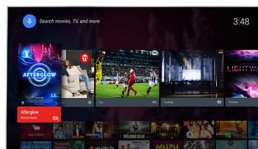
Experience 4K Ultra-HD sharpness with the Philips Pixel Plus Ultra-HD engine. It optimises picture quality to deliver smooth, fluid images with incredible detail and depth. Enjoy sharper 4K images with brighter whites and blacker blacks every time.

Micro Dimming Pro



Micro Dimming Pro optimises the contrast on your TV based on the lighting conditions of your room. Combined with its special software that analyses the picture in 6400 different zones, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

Quad Core + Android



Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV

you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun.

Google Play

Google Play™ has a rich catalogue of high-quality games for all ages. Optimised for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

Cloud Gaming

Cloud Gaming offers a vast online catalogue of high-quality games for every age, taste and gaming level. Simply pick a game and play on your TV!

High Dynamic Range Plus



High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the content creator's intent. The end result? Brighter highlights, greater contrast, a broader range of colours and detail like never before.

HEVC support for 4K broadcasts

The new integrated HEVC (H.265) standard allows you to enjoy high picture quality 4K-resolution broadcasts.

Specifications

Ambilight

- Ambilight Features: Built-in Ambilight+hue, Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode
- Ambilight Version: 2-sided

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 49 inch
- Diagonal screen size (metric): 123 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160

- Brightness: 350 cd/m²
- Picture enhancement: Micro Dimming Pro, Ultra Resolution, Natural Motion, Pixel Plus Ultra HD
- Peak Luminance ratio: 65 %

Supported Display Resolution

- Computer inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz
- Computer inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @30 Hz, up to FHD 1920 x 1080 @60 Hz
- Video inputs on HDMI 1/2: up to 4K UHD 3840 x

2160 @60 Hz

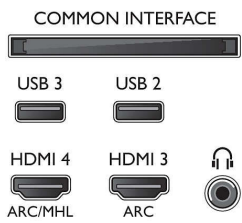
- Video inputs on HDMI 3/4: up to FHD 1920 x 1080 @60 Hz, up to 4K UHD 3840 x 2160 @30 Hz

Tuner/Reception/Transmission

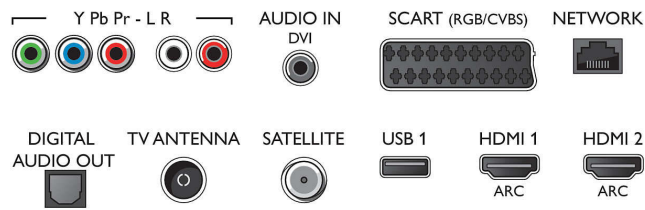
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication

Connections

Side



Rear



Specifications

- Teletext: 1000 page Hypertext
- HEVC support

Android TV

- OS: Android™ 6.0 (Marshmallow)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size (Flash): extendable via USB storage, 8 GB

Smart TV Features

- User Interaction: MultiRoom client and server, SimplyShare
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording*
- SmartTV apps*: Online video stores, Open Internet browser, Social TV, TV on demand, YouTube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, On-screen user manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265)
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Picture Playback Formats: JPEG

Processing

- Processing Power: Quad Core

Sound

- Output power (RMS): 20 W
- Sound Enhancement: DTS Premium Sound, Clear Sound, Smart Sound

Connectivity

- Number of HDMI connections: 4

- HDMI features: 4K, Audio Return Channel
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11n 2 x 2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector, Satellite Connector
- HDCP 2.2: Yes on HDMI1, Yes on HDMI2

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: ≤ 0.3
- Energy Label Class: A
- EU Energy Label power: 87 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Off mode power consumption: 0.3
- Annual energy consumption: 127 kWh
- Presence of lead: Yes*
- Mercury content: 0 mg

Accessories

- Included accessories: Remote Control, 2 x AA Batteries, Tabletop stand, Power cord, Quick start guide, Legal and safety brochure

Dimensions

- Set Width: 1099 mm
- Set Height: 645 mm
- Set Depth: 79 mm
- Product weight: 11 kg
- Set width (with stand): 1099 mm
- Set height (with stand): 699 mm
- Set depth (with stand): 213 mm
- Product weight (+stand): 11.3 kg
- Box width: 1200 mm
- Box height: 747 mm
- Box depth: 160 mm
- Weight incl. Packaging: 14.7 kg
- Wall-mount compatible: 400 x 200 mm
- TV stand width distance: 827.67 mm



Issue date 2023-10-05

Version: 16.0.2

EAN: 87 18863 00783 9

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- * EPG and actual visibility (up to 8 days) is country- and operator-dependent.
- * Android App offerings vary per country. For more details please visit your local Google Play Store.
- * Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- * The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.
- * Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the Google Cast product page.
- * Philips TV Remote app and related functionalities vary per TV model, operator and country, as well as smart device model and OS. For more details please visit: www.philips.com/TVRemoteapp.
- * Smart TV app availability varies per TV model and country. For more details please visit: www.philips.com/smarttv.
- * USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- * Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)