

Philips

4K Ultra-Slim TV powered by Android TV™ with Ambilight 2-sided and Pixel Plus Ultra HD

- 123 cm (49")
- 4K Ultra-HD LED TV
- Quad Core, 8 GB and expandable
- DVB-T/T2/C

49PUT6401/12

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

Benefits

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
- Discover Ultra-HD Picture Quality with Pixel Plus Ultra HD
- Micro Dimming Pro for incredible contrast
- The new integrated HEVC standard to enjoy high-quality 4K

- Experience better contrast, colour and sharpness with HDR Plus

Exhilarating. Limitless. Powered by Android

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



andro



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Features

Ambilight 2-sided

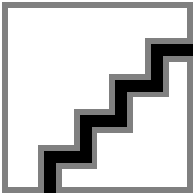


You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips' unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from two-sides of your TV screen onto the surrounding 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

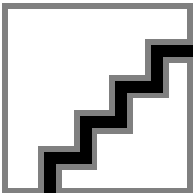


Ultra-HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth 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. With its special software, which analyses the picture in 6400 different zones, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience – day or night.

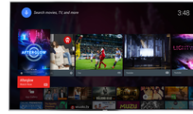
Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambilight

Ambilight Version	2 sided
Ambilight Features	Built-in Ambilight+hue Ambilight Music

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!

HEVC support for 4K broadcasts

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

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.

Game Mode
Wall colour adaptive
Lounge mode

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	123 cm
Diagonal screen size (inch)	49 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	350 cd/m ²
Picture enhancement	Micro Dimming Pro Ultra Resolution Natural Motion Pixel Plus Ultra HD

Android

OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies* Google Play Music* Google Search YouTube
Memory size	extendable via USB storage 8 GB

Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare
Interactive TV Programme	HbbTV 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

Processing

Processing Power	Quad Core
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Sound

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

Connectivity

Number of HDMI connections	4
Number of components in (YPbPr)	1
Number of scarts (RGB/CVBS)	1
Number of USBs	3
Wireless connections	Dual Band Wi-Fi 11n 2x2 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
HDMI features	4K Audio Return Channel Remote control pass-through System audio control System standby One touch play Yes on HDMI1 Yes on HDMI2

Multimedia Applications

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

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

HEVC support	Yes
Digital TV	DVB-T/T2/C
MPEG Support	MPEG2 MPEG4
Video Playback	NTSC PAL SECAM
TV Programme guide*	8-day Electronic Programme Guide
Signal strength indication	Yes
Teletext	1000-page Hypertext

Power

Off mode power consumption	0.3 W
Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label power	87 W
Annual energy consumption	127 kW h
Energy Label Class	A
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)

Dimensions

Box depth	160 mm
Box height	747 mm
Box width	1200 mm
Set Depth	79 mm

Set Height	645 mm
Set Width	1099 mm
Set depth (with stand)	213 mm
Set height (with stand)	699 mm
Set width (with stand)	1099 mm
Product weight	11 kg
Product weight (+stand)	11.3 kg
Weight incl. Packaging	14.7 kg

VESA wall mount compatible 400 x 200 mm

Accessories

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

* 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.

* Cloud Gaming offering depends on game providers.

* 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.

* (Philips) only compatible with specific Philips player device.

* 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.



data subject to change
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