

## Philips

4K UHD Slim LED TV powered by Android™ with Pixel Plus Ultra HD



- 126 cm (50")
- 4K Ultra-HD LED TV
- Dual Core; 8 GB and expandable
- DVB-T/T2/C

50PUT6400/12

# 4K UHD Slim LED TV powered by Android

with Pixel Plus Ultra HD

The 6400 Series Ultra HD TV combines Pixel Plus Ultra HD, Dual Core processing and the power of Android to deliver fluid performance beautifully. Slim lines, an elegant open stand and loads of features complete the experience.

## Benefits

### A clear, vivid picture every time

- 4K Ultra HD: resolution like you've never seen it before
- Natural Motion for fluid yet sharp moving images
- Micro Dimming Pro for incredible contrast
- Ultra Resolution converts any content into crisp Ultra HD
- Pixel Plus Ultra HD: discover Ultra-HD Picture Quality

### Functional elegance

- Swivel stand lets you enjoy TV from any angle

### With Android, your TV can do it all

- Dual Core processing and Android OS for strong performance
- Google Play™: your window to fun
- Google Cast: unlock the full potential of your Smart TV



Dual**Core**

**PHILIPS**

## Features

### Open metal swivel stand

A television with modern, refined lines deserves a stand that lifts it above the ordinary. That's why the designers at Philips TV created this unique, open metal stand that not only integrates beautifully with your décor, it also lets you swivel the TV to adjust the viewing angle as well!

### 4K Ultra HD



Ultra HD TV has 4 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.

### Natural Motion



You love watching films, but demand the best image possible. Natural Motion is our motion enhancement technology that resolves judder, providing you with a smooth moving image. Films are recorded at a limited frame rate of 24 frames per second resulting in judder. Natural Motion doubles the number of frames to 50 motion changes per second. This resolves judder, so all you see is a fluid, sharper image.

### Micro Dimming Pro



Micro Dimming Pro optimises the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyse the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

### Ultra Resolution



Ultra Resolution converts any content into a sharper Ultra HD picture on screen. Advanced upscaling combined with Philips' unique line thinning algorithms transform original pixels into better pixels. The result is a visibly more refined image with finer lines and greater, deeper details.

### Pixel Plus Ultra HD

Experience 4K Ultra HD sharpness from Philips. Philips Pixel Plus Ultra HD engine optimises picture quality to deliver smooth, fluid images with incredible detail and depth. So whether you stream online or watch a DVD, you'll enjoy sharper 4K images with brighter whites and blacker blacks—every time and from any source.

### Dual Core + Android



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. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

### 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.

### Google Cast



Use Google Cast together with your smart device\* to harness the power of your Philips Smart TV. It lets you browse websites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

## 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.

### Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	126 cm
Diagonal screen size (inch)	50 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	300 cd/m <sup>2</sup>
Picture enhancement	Pixel Plus Ultra HD Natural Motion 700 Hz Perfect Motion Rate Micro Dimming Pro Ultra Resolution

### Android

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

### Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare Wi-Fi Miracast Certified*
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 upgrade-able	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

### Sound

Output power (RMS)	20 W
Sound Enhancement	Incredible Surround Clear Sound Dynamic Bass Enhancement 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 Direct 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
HDMI features	4K Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through System audio control System standby One touch play
HDCP 2.2	Yes on HDMI1

### Multimedia Applications

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

### Supported Display Resolution

Computer inputs on all HDMI	@60 Hz up to 4K Ultra HD 3840 x 2160
Video inputs on HDMI2/3/4	@ 24, 25, 30 Hz up to 4K Ultra HD 3840 x 2160p
Video inputs on HDMI1	@ 24, 25, 30, 50, 60 Hz up to 4K Ultra HD 3840 x 2160p

### Tuner/Reception/Transmission

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

Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label	69 W
power	

Annual energy consumption	101 kW h
Energy Label Class	A+
Standby power consumption	< 0.5 W
Off mode power consumption	< 0.3 W
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)

Set width (with stand)	1124 mm
Product weight	13.3 kg
Product weight (+stand)	14.4 kg
Weight incl. Packaging	20.5 kg
VESA wall mount compatible	400 x 200 mm

#### Dimensions

Box depth	131 mm
Box height	740 mm
Box width	1240 mm
Set Depth	77 mm
Set Height	647 mm
Set Width	1124 mm
Set depth (with stand)	249 mm
Set height (with stand)	709 mm

#### Accessories

Included accessories	Remote Control 2 x AAA Batteries Tabletop swivel stand Power cord Quick start guide Legal and safety brochure
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\* Android App offerings vary per country. For more details please visit your local Google Play Store.

\* Compatibility depends on Wi-Fi Miracast certification and Android 4.2 or later. For more details please refer to your device documentation.

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

\* 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.

\* 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.

\* EPG and actual visibility (up to 8 days) is country- and operator-dependent.

\* (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](http://www.philips.com/TVRemoteapp).

\* Smart TV app availability varies per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).



data subject to change  
2016, September 22

Version: 8.3.1  
EAN: 8718863002339

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