

4K Ultra-Slim TV powered by Android TV™ with Ambilight 3-sided and Perfect Pixel Ultra HD

- 164 cm (65")
- 4K Ultra-HD LED TV
- Quad Core, 16 GB & expandable
- DVB T/C/T2/T2-HD/S/S2

65PUS7601/12



4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

Exhilarate your senses. The Philips 7600 Series uses intelligent local brightness zones in the screen for deep blacks and radiant colours that burst out of the screen. And with HDR, enjoy a viewing experience that is just as the director intended.

Benefits

Crafted Lightness

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

Award winning performance

- 4K Ultra HD is unlike any resolution you've ever seen before
- Award-winning Micro Dimming Premium for brilliant contrast
- High Dynamic Range brings the image to life
- Perfect Pixel Ultra HD for the ultimate Picture Quality

Exhilarating. Limitless. Powered by Android

- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

Thin TV — Big sound

- Philips Double Ring technology for rich and powerful bass
- Hear every detail with DTS Premium Sound

PHILIPS

Features

Ambilight 3-sided

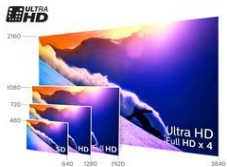


You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from three-sides of your TV screen onto the surrounding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

Micro Dimming Premium



Micro Dimming Premium analyses the picture in 6400 different zones to control and optimise each individual segment of the Direct LED backlight. So you'll enjoy a lifelike picture with incredibly deep blacks contrasted with bright whites.

High Dynamic Range



High Dynamic Range (HDR) delivers a completely different visual experience. With significantly greater brightness and incomparable contrast, entertainment comes to life before your very eyes. This is more than just deeper blacks and captivating colour. It's a fuller palette of rich new colours that could not

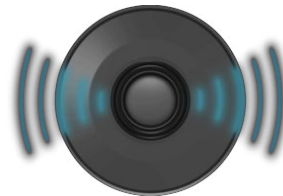
previously be rendered. Get ready for a visual experience that engages your senses and inspires your emotions like no other.

Perfect Pixel Ultra HD



Building on our award-winning UHD Picture Quality heritage, we've taken High-Definition Picture Quality to a whole new level. With the advanced picture-processing software in our Perfect Pixel Ultra-HD engine, your picture is converted into crisp 4K Ultra-HD resolution. So you'll enjoy the deepest blacks, brightest whites and most vivid colours with natural skin tones. And all this comes to life with our most fluid, razor-sharp image quality – every time, and from any source.

Double Ring technology



Philips Double Ring technology allows for increased speaker movement in the subwoofers—and more movement means more punch! So you'll enjoy strong, rich bass even in a thin TV design.

DTS Premium Sound

Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS Premium Suite is designed to deliver the experience consumers have come to expect from high-end sound processing: immersive surround with deep, rich bass and crystal-clear dialogue that's delivered at maximum volume levels and without any fluctuations, clipping or distortion.

TV Content



The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of films, TV, music, apps and games. 16 GB of expandable memory means there's plenty of room to store all your favourite content and to install more apps.

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.

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	3 sided
Ambilight Features	Built-in Ambilight+hue Game Mode Wall colour adaptive Lounge mode Music Mode

Picture/Display

Display	4K Ultra HD LED
Peak Luminance ratio	65 %
Diagonal screen size (metric)	164 cm
Diagonal screen size (inch)	65 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	500 / 700 (peak) cd/m ²
Pixel engine	Perfect Pixel Ultra HD
Picture enhancement	Ultra Resolution Perfect Natural Motion Micro Dimming Premium

Android

OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies* Google Play Music* Google Search YouTube
Memory size	16 GB extendable via USB storage

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
Remote Control	with Keyboard

Processing

Processing Power	Quad Core
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Sound

Output power (RMS)	30 W
Sound Features	Double ring technology
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 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
Other connections	4K Audio Return Channel Remote control pass-through System audio control System standby One touch play Yes on HDMI1 Yes on HDMI2
HDMI features	EasyLink (HDMI-CEC)
HDCP 2.2	

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV H264/MPEG-4 AVC MPEG-1 MPEG-2 MPEG-4 WMV9/VC1 HEVC (H.265) [EU TV series]
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	

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
Video inputs on HDMI 1/2	up to FHD 1920 x 1080 @60 Hz
Video inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @60 Hz
	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/T2-HD/C/S/S2
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
Presence of lead	Yes*
Mercury content	0 mg
Ambient temperature	5°C to 35°C
EU Energy Label power	105 W
Annual energy consumption	146 kWh
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)
Energy Label Class	A+
Off mode power consumption	0.3 W

Dimensions

Box depth	250 mm
TV stand width distance	1105 mm
Box height	1011 mm
Box width	1575 mm

Set Depth	67 mm
Set Height	835 mm
Set Width	1449 mm
Set depth (with stand)	261 mm
Set height (with stand)	904 mm
Set width (with stand)	1449 mm
VESA wall mount compatible	400 x 400 mm
Product weight	26.3 kg
Product weight (+stand)	27.5 kg
Weight incl. Packaging	33.3 kg

Accessories

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

* 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.

* MultiRoom Client and Server supports only 'Free to Air' digital programmes.



data subject to change
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