

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, 16GB & expandable
- DVB-T/T2

65PUT7601/56

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 colors that burst out of the screen. And with HDR, enjoy a viewing experience just as the director intended.

Benefits

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

Award winning performance
- 4K Ultra HD is unlike any resolution you've ever seen before
- The new integrated HEVC standard to enjoy high quality 4k
- Award winning Micro Dimming Premium for brilliant contrast
- Perfect Pixel Ultra HD for the ultimate Picture Quality
- Enjoy excellent contrast,color,sharpness with HDR Premium

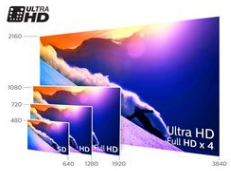
Exhilarating. Limitless. Powered by Android
- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

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

PHILIPS

Features

4K Ultra HD



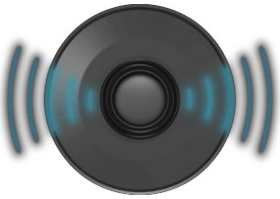
Ultra HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able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

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 wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

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 dialog 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 movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite content and to install more apps.

HEVC support for 4k broadcast

The new integrated HEVC standard allow you to enjoy high picture quality 4k resolution broadcast.

Micro Dimming Premium



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

Perfect Pixel Ultra HD

PerfectPixel
ULTRA HD
ENGINE

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 the most vivid colors with natural skin tones. And all this comes to life with our most fluid, razor sharp image quality – every time, and from any source.

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.

Slim aluminum 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 aluminum pinch stands are a true testament to the lightness and slim construction of this powerful TV series.

High Dynamica Range Premium

High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast and color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Highlights with excellent brightness, richer contrast and color and vivid details like you've never seen before.

Specifications

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Ambilight

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

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	164 cm
Diagonal screen size (inch)	65 inch
Panel resolution	3840x2160
Aspect ratio	16:9
Brightness	430 cd/m²
Pixel engine	Perfect Pixel Ultra HD
Picture enhancement	Perfect Natural Motion Micro Dimming Premium Ultra Resolution

Android

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

Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare
Interactive TV	HbbTV
Program	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 Onscreen Usermanual
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
Remote Control	with Keyboard

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	30W
Sound Features	Double ring technology
Sound Enhancement	Clear Sound DTS Premium Sound Smart Sound

Connectivity

Number of HDMI connections	4
Number of compo-nent in (YPbPr)	1
Number of USBs	3
Wireless connections	Dual Band Wi-Fi 11n 2x2 integrated
Other connections	Antenna IEC75 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 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	.SMI .SRT .SUB .TXT
Music Playback Formats	AAC MP3 WAV WMA (v2 up to v9.2) WMA-PRO (v9 and v10)
Picture Playback Formats	JPEG

Supported Display Resolution

Computer inputs on HDMI1/2	up to 4K UHD 3840x2160 @60Hz
Computer inputs on HDMI3/4	up to 4K UHD 3840x2160 @30Hz up to FHD 1920x1080 @60Hz
Video inputs on HDMI1/2	up to 4K UHD 3840x2160 @60Hz
Video inputs on HDMI3/4	up to FHD 1920x1080 @60Hz up to 4K UHD 3840x2160 @30Hz

Tuner/Reception/Transmission

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

Power

Mains power	AC 220 - 240 V 50/60Hz
Ambient temperature	5 °C to 35 °C
Standby power consumption	<0.5
Off mode power consumption	0.5 W

Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)

Dimensions

Box depth	250 mm
Box height	1011 mm
Box width	1575 mm
Set Depth	67 mm
Set Height	824 mm
Set Width	1449 mm
Set depth (with stand)	261 mm
Set height (with stand)	904 mm
Set width (with stand)	1449 mm
Product weight	26.3 kg
Product weight (+stand)	27.5 kg
Weight incl. Packaging	36.5 kg
VESA wall mount compatible	400 x 400 mm

Accessories

Included accessories	Remote Control 2 x AA Batteries Table top 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 subscripction 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 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 offerings vary 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 programs.
* Please be informed that your Netflix HDR function in your TV currently can be supported via HDMI and USB only. The Netflix HDR broadcast via your Internet/DLNA will be fully available via IP software push.

data subject to change
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