



Philips 8600 series  
4K UHD Razor Slim TV  
powered by Android™  
with Ambilight 4-sided and  
Perfect Pixel Ultra HD

**139 cm (55")**

4K Ultra-HD LED TV  
Hex Core, 16 GB and expandable  
Twin Tuner DVB-T/T2/C/S/S2



**55PUS8601**

## 4K UHD Razor Slim LED TV powered by Android

With Ambilight 4-sided

Sound never looked so good. The 8600 series with 4-sided Ambilight, stylish detachable speakers and dark chrome details takes interior design to the next level. Ultra HD and Bright Pro restore images from any source to unrivalled crispness.

### European craftsmanship

- Detachable Speakers: customise how your sound looks
- Ambilight changes the way you look at TV forever

### Award winning performance

- 4K Ultra HD: resolution like you've never seen it before
- Digital Noise Reduction optimises images from any source
- Perfect Pixel Ultra HD: the ultimate in UHD Picture Quality
- The new integrated HEVC standard to enjoy high-quality 4K

### Exhilarating. Limitless. Powered by Android

- Android and Hex Core for the ultimate Ultra HD experience
- Google Play store and Philips app gallery: look beyond TV
- Swipe, type, talk and more — truly Smart interaction

### See how beautiful sound can be

- Be seduced by 50 W of sound delivered by 18 speakers
- Hear every detail with DTS Premium Sound



androidtv



**PHILIPS**

# Highlights

## Detachable Speakers

Our detachable sound sticks have a seamless metal body with a polished, dark chrome finish. Ultra-slim and incredibly sleek, the innovative design is unique to Philips: they can be placed to the left and right of the TV screen, or on optional stands to create a wireless sound system.

## Ambilight 4-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? Our most amazing Ambilight experience ever emits an extra-wide glow around all four sides of your TV onto the surrounding wall. Your screen seems much wider, your experience more enhanced...and your TV appears to float on air. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

## 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.

## Advanced DNR

Your TV is an incredible machine...but it's possible that the source you view your content from isn't. Advanced DNR analyses content for imperfections and directs the incoming picture

in one of two directions. Images from a good quality source are optimised to the highest level of sharpness and detail imaginable. And those from a poor quality source? They're cleaned of imperfections before being boosted to the quality level of their high-quality counterparts.

## Perfect Pixel Ultra HD

Building on our award winning UHD Picture Quality heritage, we've elevated high-definition Picture Quality to a whole new level. The picture processing algorithms of our Perfect Pixel Ultra HD engine convert any input picture into crisp 4K Ultra HD resolution on your screen. The result? You'll enjoy our deepest blacks and brightest whites, the most vivid colours and natural skin tones, and our most fluid, razor sharp image — every time and from any source.

## Hex Core + Android

The power of Android combined with our Hex Core processing makes streaming Ultra HD films on YouTube effortless and fun. 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.

## 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.

## Smart Interaction

We've made our new remote controls as fun to use as the Android TVs that they're paired with. Enter text using Google voice\* or a full QWERTY keyboard. Say: 'Open YouTube' to launch the app. Swipe through your family photos on our touch-sensitive swipe pad. Or simply use it as a classic remote.

## 18 speaker 50 W Sound system

Surround yourself in beautiful sound. The new 8600 series combines the power of two speakers at the back of the TV with 16 microdrivers (in the left and right detachable speakers) to deliver a broad, rich sound spectrum. We crafted the subwoofers from Neodymium, a premium material that creates more volume, better bass response and pure, balanced sound quality.

## 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.

## HEVC support for 4K broadcasts

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



# Specifications

## Ambilight

- Ambilight Version: 4 sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight+hue

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Brightness: 700 cd/m<sup>2</sup>
- Pixel engine: Perfect Pixel Ultra HD
- Picture enhancement: 1800Hz Perfect Motion Rate, Perfect Natural Motion, Micro Dimming Pro, Ultra Resolution, Bright Pro

## Android

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

## 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, 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, with Swipe, with Voice

## Processing

- Processing Power: Hex Core

## Sound

- Output power (RMS): 50 W, Extendable to 70 W
- Sound Enhancement: Clear Sound, DTS Studio

Sound, Smart Sound

## Connectivity

- Number of HDMI connections: 4
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi 11n 2x2 integrated, Wi-Fi 11ac 2x2 integrated, Wi-Fi Direct
- 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, 2 x Satellite input, VP9 @UHD
- 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 all HDMI

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC, VP9
- Subtitles Formats Support: .SML, .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 all HDMI: @ 24, 25, 30, 50, 60 Hz, up to 4K Ultra HD 3840 x 2160p

## Tuner/Reception/Transmission

- HEVC support
- Digital TV: 2 x DVB-T/T2/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Programme guide\*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000-page Hypertext

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- EU Energy Label power: 115 W

- Annual energy consumption: 160 kWh
- Energy Label Class: A
- Standby power consumption: < 0.3 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

## Dimensions

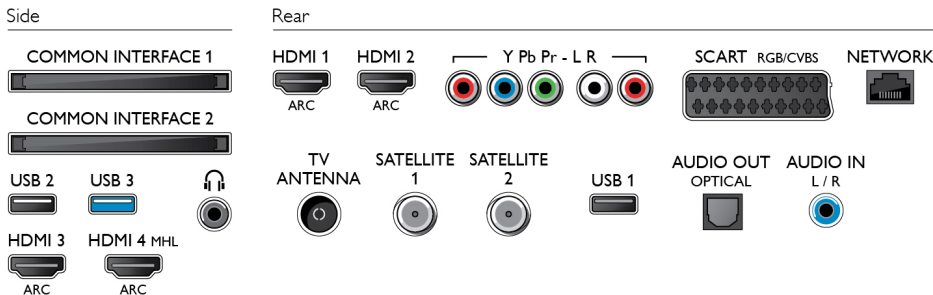
- Box dimensions (W x H x D): 1370 x 935 x 199 mm
- Set dimensions (W x H x D): 1227 x 709 x 17 mm
- Set dimensions with stand (W x H x D): 1317 x 758 x 227 mm
- Product weight: 19 kg
- Product weight (+stand): 20.6 kg
- Weight incl. Packaging: 26.2 kg
- VESA wall mount compatible: 200 x 200 mm

## Accessories

- Included accessories: Remote Control, 2 x AA Batteries, Tabletop stand, Power cord, Quick start guide, Legal and safety brochure, Detachable Speakers
- Optional accessories: Detachable Speaker stand PTA860, TV Central Stand PTS840



## Connections



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