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, 16GB & 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 unrivaled crispness.

European craftmanship
- Detachable Speakers: customize 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 optimizes images from any source
- Perfect Pixel Ultra HD: the ultimate in UHD Picture Quality

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

ambi light 4 androidtv ULTRA HD 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 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. Color, 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 the source you view your content from isn't. Advanced DNR analyzes content for imperfections and directs the incoming picture in one of two directions. Images from a good quality source are optimized to the highest level of sharpness and detail imaginable. And those from a poor quality source? They are first cleaned of imperfections before being boosted like their good 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 colors 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 YouTube movies 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 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.

Smart Interaction
We've made our new remote controls as fun to use as the Android TVs 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 50W 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 dialog that's delivered at maximum volume levels and without any fluctuations, clipping, or distortion.

ambi light 4 · PerfectPixel ULTRA HD ENGINE · BRIGHT PRO · 1800Hz PERFECT MOTION RATE · DETACHABLE Speakers · TwinTuner · A

4K UHD Razor Slim TV powered by Android™
139 cm (55") 4K Ultra HD LED TV, Hex Core, 16GB & expandable, Twin Tuner DVB-T/T2/C/S/S2

55PUS8601/12

Specifications

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

Picture/Display
- Peak Luminance ratio: 65 %
- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 700 cd/m²
- Pixel engine: Perfect Pixel Ultra HD
- Picture enhancement: 1800Hz Perfect Motion Rate, Perfect Natural Motion, Micro Dimming Pro, Ultra Resolution, Bright Pro

Android TV
- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube, Netflix*
- Memory size(Flash): 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, 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 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): 50W, Extendable to 70W
- Sound Enhancement: Clear Sound, DTS Studio Sound, Smart Sound

Connectivity
- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11n 2x2 integrated, Wi-Fi 802.11ac 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, 2x Satellite input
- 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 (H.265), VP9@UHD
- 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: @60Hz, up to 4K Ultra HD 3840x2160
- Video inputs on all HDMI: @ 24, 25, 30, 50, 60Hz, up to 4K Ultra HD 3840x2160p

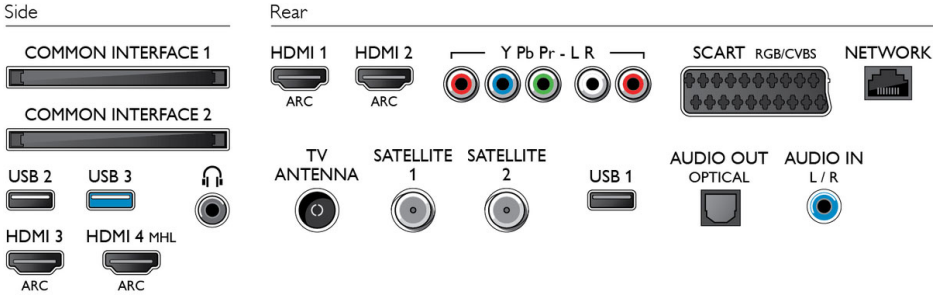
Tuner/Reception/Transmission
- Digital TV: 2x DVB-T/T2/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

Power
- Presence of lead: Yes*
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 115 W
- Annual energy consumption: 160 kW h
- Energy Label Class: A
- Standby power consumption: < 0.3 W
- Off mode power consumption: < 0.3
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Mercury content: 0 mg

Dimensions
- TV stand width distance: 1317 mm
- 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
- Wall mount compatible: 200 x 200 mm

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

Connections



* 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 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.

Issue date 2022-07-14
Version: 15.5.1
12 NC: 8670 001 23268
EAN: 87 18863 00179 0

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