



Philips 8500 series  
Ultra Slim 4K UHD LED  
Android TV with Ambilight  
3-sided

**139 cm (55")**

4K Ultra HD LED TV  
Quad Core, 16GB  
Ginga



**55PUG8513**

## Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Enjoy more of the content you love with the Philips 8500 NanoLED TV. With a wide angle of view and a front-facing soundbar, this smart TV delivers vibrant, lifelike colour, a sharp 4K UHD picture, and clear audio. You won't miss a beat.

### Refined design. Beautiful light.

- Ambilight. Take the emotion beyond the screen.
- Ultra-slim minimalist frame with brushed aluminium finish
- Wide colour gamut. More colours. More vibrancy.

### Incredible moments

- IPS Nano Color. Rich colour. No matter where you sit.
- Philips P5 Engine. Whatever the source, always perfection.
- HDR Premium. Enhanced colour, depth, and dimension

### Android TV-all the content you love

- Google Play store and Philips app gallery. More to love.

### Slim TV. Full sound.

- Front-facing 45W soundbar
- Philips Triple Ring technology. More space for sound

# PHILIPS

# Highlights

## Ultra-slim minimalist frame

Ultra-slim minimalist frame with brushed aluminium finish

## Ambilight 3-sided

With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls, and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

## Wide Color Gamut

Wide Color Gamut increases the standard color gamut of 72% to 90%~99%, resulting in more vivid and brilliant colors. The greenest green, the bluest blue and the reddest red, the expanded color reproduction abilities of a 4K Ultra HD TV closer than ever to what we see in a digital cinema.

## IPS Nano color

From movie night to the big match or gaming, IPS Nano Color technology delivers vibrant colour and a wide viewing angle. Uniform, nanometre-sized particles absorb any excess light created by the screen. Reds stay red, green grass looks green, and blue is always blue. Even if you're facing the TV at an angle of up to 60 degrees.

## P5 Perfect Picture Engine

The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

## High Dynamic Range Premium

High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast

and colour. 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 colour and vivid details like you've never seen before.

## TV Content

Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online. More to love.

## 45W soundbar

Front-facing 45W soundbar

## Triple Ring technology

With enhanced Philips Triple Ring technology, we have an even more powerful speaker movement in our subwoofers. More movement means more punch-so you will enjoy powerful sound even in our thin Philips TV design.



# Specifications

## Ambilight

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

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Micro Dimming Pro, Ultra Resolution, 2900 PPI, Wide Color Gamut 90% DCI/P3

## Android

- OS: Android™ 7.0 (Nougat)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google search, YouTube
- Memory size: 16GB

## Smart TV Features

- Program: Pause TV, USB Recording\*
- SmartTV apps\*: Online Video Stores, Open Internet Browser, Social TV, 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, Wide screen
- Philips TV Remote app\*: Apps, Channels, Control, TV Guide
- Remote Control: with Keyboard, with Voice

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 45W
- Sound Features: Triple ring technology
- Sound Enhancement: Smart Sound, DTS-HD Premium Sound, Dolby Atmos Compatible, DTS Studio Sound, DTS TruSurround

## Connectivity

- Number of HDMI connections: 4
- Number of USBs: 2
- Wireless connections: Dual Band, Wi-Fi 11ac 2x2 integrated
- Other connections: Digital audio out (optical), Ethernet-LAN RJ-45, Audio L/R in, Headphone out, Antenna F-type
- 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, VP9, HEVC
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG

## Supported Display Resolution

- Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz
- Video inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz

## Tuner/Reception/Transmission

- HEVC support
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication

## Power

- Mains power: AC 110 - 240 V 50/60Hz
- Off mode power consumption: 0.3 W
- Standby power consumption: <0.3W
- Ambient temperature: 5 °C to 35 °C
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Presence of lead: Yes\*

## Dimensions

- Box dimensions (W x H x D): 1360 x 890 x 160 mm
- Set dimensions (W x H x D):

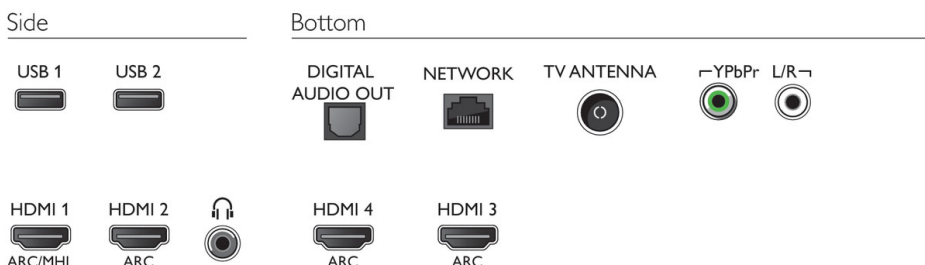
- 1234.8 x 741.3 x 48.3 mm
- Set dimensions with stand (W x H x D): 1234.8 x 787.0 x 251.6 mm
- TV stand width distance: 517.7 mm
- Product weight: 20.7 kg
- Product weight (+stand): 23.1 kg
- Weight incl. Packaging: 27.8 kg
- VESA wall mount compatible: 300 x 200 mm

## Accessories

- Included accessories: Remote Control, 2 x AA Batteries, Power cord, Mini-jack to L/R cable, Mini-jack to YPbPr cable, Quick start guide, Legal and safety brochure, Table top stand



## 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.  
\* 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 offerings vary 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.  
\* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in UK, Germany, Austria)  
\* (Philips) only compatible with specific Philips player device.  
\* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.  
\* Cloud Gaming offering depends on game providers.  
\* HDMI connection is required for soundbar, speaker and other audio device.  
\* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.