

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

- 139 cm (55") Ambilight TV
- 2800 Picture Performance Index
- HDR premium WCG 90%
- P5 Perfect Picture Engine

55PUS8503/12



# 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.

## Benefits

[Refined design. Beautiful light.](#)

- Ultra-slim minimalist frame with brushed aluminium finish
- Ambilight. Take the emotion beyond the screen.
- 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.
- Google Assistant built in. Content and more at your command

[Slim TV. Full sound.](#)

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

## Features

[Ultra-slim minimalist frame](#)

# PHILIPS

### 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 Colour Gamut

Wide Colour Gamut increases the standard colour gamut from 72% to 90%–99%, resulting in more vivid and brilliant colours. The greenest green, the bluest blue and the reddest red, the expanded colour reproduction abilities of a 4K Ultra HD TV are 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.

## 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 Ambilight Music Game Mode Wall colour adaptive Lounge mode

### Picture/Display

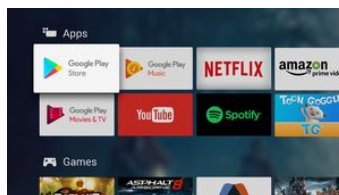
Display	4K Ultra HD LED
Diagonal screen size (metric)	139 cm
Diagonal screen size (inch)	55 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Pixel engine	P5 Perfect Picture Engine
Picture enhancement	Micro Dimming Pro Ultra Resolution Wide Colour Gamut 90% DCI/P3 HDR Premium 2800 PPI

### 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.

### Google Assistant built in

Control your Philips Android TV with your voice. Want to play a game, watch Netflix or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa.

### 45 W soundbar

### Triple Ring technology

With enhanced Philips Triple Ring technology, we have 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.

### Android

OS	Android™ 8.0 (Oreo)
Pre-installed apps	Google Play Movies* Google Play Music* Google Search YouTube
Memory size	16 GB

### Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare HbbTV
Interactive TV Programme	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

Firmware upgradeable	On-screen User manual 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 Voice	

## Processing

Processing Power	Quad Core
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## Sound

Output power (RMS)	45 W
Sound Features	Triple ring technology
Sound Enhancement	Smart Sound DTS-HD Premium Sound [DTS-HD Premium Sound] Dolby Atmos Compatible [Dolby Atmos Compatible] DTS Studio Sound DTS TruSurround
Speaker configuration	2 x 7.5 W mid-high speaker, 30 W woofer

## Connectivity

Number of HDMI connections	4
Number of USBs	2
Number of components in (YPbPr)	1
Wireless connections	Dual Band Wi-Fi 11ac 2x2 integrated
Other connections	Common Interface Plus (CI+) Digital audio out (optical) Antenna IEC75 Satellite Connector Ethernet-LAN RJ-45 Audio L/R in Headphone out
HDMI features	4K Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through System audio control System standby
HDCP 2.2	One touch play 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
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 HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG
Computer inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG
Video inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG
Video inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @60 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
Off mode power	0.3 W
consumption	
Standby power consumption	<0.3 W
Ambient temperature	5°C to 35°C
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)
Energy Label Class	A
EU Energy Label power	91 W
Annual energy consumption	133 kWh
Mercury content	0 mg
Presence of lead	Yes*

## Dimensions

Box width	1360 mm
Box height	890 mm
Box depth	160 mm
Set Width	1234.8 mm
Set Height	741.3 mm
Set Depth	48.3 mm
Set width (with stand)	1234.8 mm
Set height (with stand)	787.0 mm
Set depth (with stand)	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

## Colour & Finish

TV Front	Metallic Silver
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## 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
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## Tabletop stand

- \* 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 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.
- \* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and 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.
- \* Google Assistant built in will come as a software update for 2018 Android TVs.



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