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 Assistant built in. Content and more at your command
- Google Play store and Philips app gallery. More to love.

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

PHILIPS

Ultra Slim 4K UHD LED Android TV
139 cm (55") Ambilight TV 2800 Picture Performance Index, HDR premium WCG 90%, P5 Perfect Picture Engine

55PUS8503/12

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 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.

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
Front-facing 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.

Ultra Slim 4K UHD LED Android TV

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

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 (inch): 55 inch
- Diagonal screen size: 55 inch / 139 cm
- 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

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
- Interactive TV: HbbTV
- 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, 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 Voice

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 45 W
- Sound Features: Triple ring technology
- Sound Enhancement: Smart Sound, DTS-HD Premium Sound, Dolby Atmos reflective, 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 802.11ac 2 x 2 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, 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
- 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
- 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
- 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
- Teletext: 1000-page Hypertext

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Off mode power consumption: 0.3 W
- 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 kW·h
- Mercury content: 0 mg
- 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
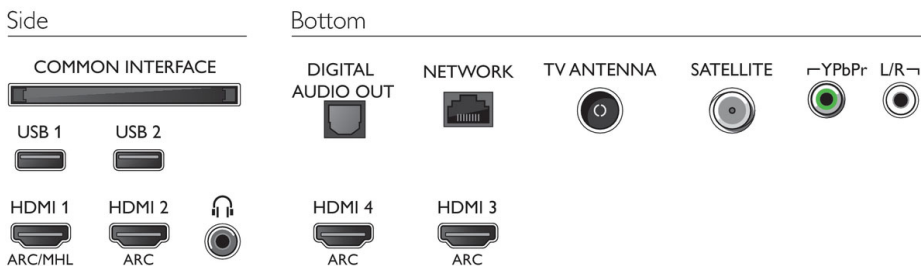- VESA wall mount compatible: 300 x 200 mm

Colour & Finish
- TV Front: Metallic Silver

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, 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.
* Smart TV app availability varies 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.
* 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.

Connections

Side

COMMON INTERFACE

USB 1   USB 2

HDMI 1   HDMI 2   🎧
ARC/MHL   ARC

Bottom

DIGITAL AUDIO OUT   NETWORK   TV ANTENNA   SATELLITE   ⌐YPbPr   L/R⌐

HDMI 4   HDMI 3
ARC   ARC

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