

Philips 8300 series
Ultra Slim 4K UHD LED Android TV with Ambilight 3-sided

123 cm (49") Ambilight TV

2800 Picture Performance Index
HDR premium WCG 90%
P5 Perfect Picture Engine



49PUS8303

Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Dive into your favourite content with the Philips 8300 NanoLED TV. Experience vibrant, lifelike colour and a sharp 4K UHD picture, even when you're facing the TV at an angle. Make movie and game nights feel more immersive with Ambilight.

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

Crisp audio
- Philips Triple Ring technology. More space for sound
- DTS HD Premium Sound. Deep bass and crystal-clear dialogue

PHILIPS

Ultra Slim 4K UHD LED Android TV

123 cm (49") Ambilight TV 2800 Picture Performance Index, HDR premium WCG 90%, P5 Perfect Picture Engine

49PUS8303/12

Highlights

Ultra-slim minimalist frame

Ultra-slim minimalist frame with brushed aluminium finish

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.

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.

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.

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.

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.

Ultra Slim 4K UHD LED Android TV

123 cm (49") Ambilight TV 2800 Picture Performance Index, HDR premium WCG 90%, P5 Perfect Picture Engine

49PUS8303/12

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): 49 inch
- Diagonal screen size: 49 inch / 123 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Picture enhancement: Ultra Resolution, Micro Dimming Pro, Wide Colour Gamut 90% DCI/P3, HDR Premium
- Pixel engine: P5 Perfect Picture Engine

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): 25 W
- Sound Enhancement: Smart Sound, DTS-HD Premium Sound, Dolby Atmos reflective, DTS Studio Sound, DTS TruSurround
- Sound Features: Triple ring technology
- Speaker configuration: 2 x 6.25 W mid-high speaker, 12.5 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 HDMI1, Yes on HDMI2

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
- Standby power consumption: <0.3
- Off mode power consumption: 0.3 W
- Ambient temperature: 5°C to 35°C
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Light sensor
- Energy Label Class: A
- EU Energy Label power: 89 W
- Annual energy consumption: 130 kW·h
- Mercury content: 0 mg
- Presence of lead: Yes*

Dimensions
- Box dimensions (W x H x D): 1205 x 780 x 150 mm
- Set dimensions (W x H x D): 1098.4 x 636.7 x 48.3 mm
- Set dimensions with stand (W x H x D): 1098.4 x 683.1 x 251.4 mm
- TV stand width distance: 517.2 mm
- VESA wall mount compatible: 200 x 200 mm
- Product weight: 17.3 kg
- Product weight (+stand): 18.9 kg
- Weight incl. Packaging: 24.5 kg

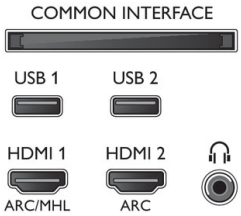
Colour & Finish
- TV Front: Metallic Silver

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

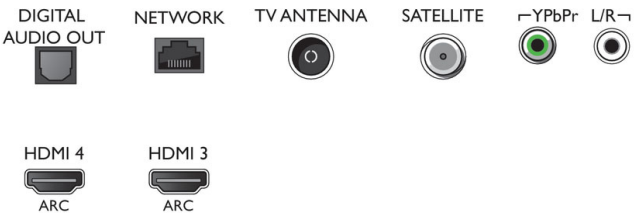


Connections

Side



Bottom



* 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.
* 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.
* Cloud Gaming offering depends on game providers.

Issue date 2018-12-12

Version: 9.0.1

12 NC: 8670 001 51821
EAN: 87 18863 01520 9

© 2018 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

www.philips.com