

Philips 8600 series
4K One Surface TV
powered by Android TV
with Ambilight 3-sided and
P5 Perfect Picture Engine

164 cm (65")
4K Ultra-HD LED TV
Quad Core, 16 GB & expandable
DVB T/C/T2/T2-HD/S/S2



65PUS8602

4K One Surface LED TV powered by Android TV

with Ambilight 3-sided

The revolutionary Philips 8600 series deliver One Surface design, incredible P5 engine and floating soundbar. The immersive, lifelike pictures and breathtaking audio make this piece of exquisite craftsmanship an absolute delight to own.

Visible Lightness
- Ambilight changes the way you look at TV forever
- Finishing touches: a TV that looks as great as it performs

Award winning performance
- Picture Perfection with Philips P5 Perfect Picture Engine
- For a truly certified premium UHD entertainment experience
- The ultimate in contrast, colour and sharpness with HDR Perfect
- Perfect Colour unlocks all the possibilities of colour

Exhilarating. Limitless. Powered by Android
- Google Play store and Philips app gallery: look beyond TV
- Built for a better Netflix experience

See how beautiful sound can be
- Visible sound articulation lets you see the beauty of sound
- Hear every detail with DTS HD Premium Sound

PHILIPS

4K One Surface TV powered by Android TV
164 cm (65") 4K Ultra-HD LED TV, Quad Core, 16 GB & expandable, DVB T/C/T2/T2-HD/S/S2

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Highlights

Ambilight 3-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? Philips' unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Authentic materials
Your home represents your style. Our designers chose subtle, sophisticated colours and quality finishes like brushed chrome to create a TV design that blends seamlessly with your interior.

P5 Perfect Picture Engine
The new Philips P5 proprietary picture quality engine digitally optimises everything you view by state-of-the-art algorithm. Thanks to a dramatically increased processing power of the P5 engine, an overall 50% picture quality performance gain is achieved. Now you'll enjoy the deepest blacks and the brightest whites, the most vivid, brilliant colours and natural, lifelike skin tones. And our most fluid, razor-sharp pictures with incredible detail and depth, in sport, movie or any other genres - every time and from any source.

Ultra-HD Premium
With our fully certified Philips Ultra HD Premium TV, you can now enjoy brand new HDR content on your TV as well as marvel at your Philips TV's clear and detailed resolution and profoundly deep contrasting images. All this, coupled with a full dazzling array of illumination and a brilliant kaleidoscope of colours, will surely take your breath away.

High Dynamic Range Perfect
High Dynamic Range Perfect is the superior choice in redefining in-home entertainment through advances in contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Now you can enjoy your TV with brighter highlights and ultimate contrast and colours. With unrivalled levels of pure vivid detail, this is HDR Perfect: it's TV like you've never seen before.

Perfect Colour
Philips Perfect Colour technology unlocks lifelike colour realism with trillions of shades. Experience an astonishingly wide colour spectrum in combination with our most sophisticated colour processing. Perfect Colour is the combination of 100% wide colour gamut panel and 2.250 Trillion colour processing, resulting in picture quality that looks like a window to the world.

TV Content
The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of films, TV, music, apps and games. 16 GB of expandable memory means there's plenty of room to store all your favourite content and to install more apps.

DTS HD Premium Sound
Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS HD Premium Sound 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 dialogue that is delivered at maximum volume levels and without any fluctuations, clipping or distortion.

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Specifications

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

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 65 inch / 164 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Brightness: 700 cd/m²
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Perfect Natural Motion, Ultra Resolution, 3200 PPI, Micro Dimming Pro
- Peak Luminance ratio: 65 %

Android
- OS: Android™ 6.0 (Marshmallow)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size: 16 GB, extendable via USB storage

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, TV on Demand, YouTube, Social TV
- 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

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 50 W
- Sound Enhancement: Clear Sound, Smart Sound, DTS-HD Premium Sound
- Sound Features: Double ring technology

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, 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: .SMI, .SRT, .SUB, .TXT
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG

Supported Display Resolution
- Computer inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz
- Computer inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @30 Hz, up to FHD 1920 x 1080 @60 Hz
- Video inputs on HDMI 1/2: up to 4K UHD 3840 x 2160 @60 Hz
- Video inputs on HDMI 3/4: up to 4K UHD 3840 x 2160 @30 Hz, up to FHD 1920 x 1080 @60 Hz

Tuner/Reception/Transmission
- 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
- Standby power consumption: < 0.3 W
- Mains power: AC 220 - 240 V 50/60 Hz
- Off mode 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: B
- EU Energy Label power: 202 W
- Annual energy consumption: 295 kW·h
- Mercury content: 0 mg
- Presence of lead: Yes*

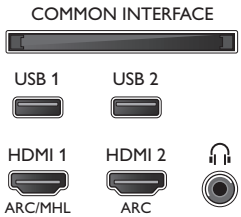
Dimensions
- Box dimensions (W x H x D): 1616 x 1028 x 185 mm
- Set dimensions (W x H x D): 1458.08 x 850.31 x 46.61 mm
- Set dimensions with stand (W x H x D): 1458.08 x 904.36 x 343.27 mm
- TV stand width distance: 766.51 mm
- Product weight: 25.53 kg
- Product weight (+stand): 28.27 kg
- Weight incl. Packaging: tbc kg
- VESA wall mount compatible: 400 x 400 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, Tabletop stand

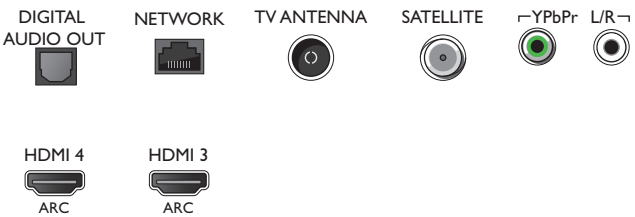


Connections

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.
* Cloud Gaming offering depends on game providers.
* 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) only compatible with specific Philips player device.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the 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 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.
* MultiRoom Client and Server supports only 'Free to Air' digital programmes.
* 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.
* HDMI connection is required for soundbar, speaker and other audio device.

Issue date 2017-09-07

Version: 5.2.1

12 NC: 8670 001 46967
EAN: 87 18863 01365 6

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