

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

65PUS8602/05

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.

Benefits

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

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Features

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.

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	Wall colour adaptive Lounge mode Game Mode Ambilight Music Built-in Ambilight+hue

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	164 cm
Diagonal screen size (inch)	65 inch
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 upgrade-able	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 [DTS-HD Premium Sound]
Sound Features	Double ring technology

Connectivity

Number of HDMI connections	4
Number of USBs	2
Number of compo-nents 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) [EU TV series] 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 indica-tion	Yes
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 width	1616 mm
Box height	1028 mm
Box depth	185 mm
Set Width	1458.08 mm
Set Height	850.31 mm
Set Depth	46.61 mm
Set width (with stand)	1458.08 mm
Set height (with stand)	904.36 mm
Set depth (with stand)	343.27 mm
TV stand width distance	766.51 mm
Product weight	25.53 kg
Product weight (+stand)	28.27 kg
Weight incl. Pack-aging	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

* 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.

data subject to change
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