

Philips 6800 series
4K UHD LED Smart TV
with Ambilight 3-sided

164 cm (65") Ambilight TV

1200 Picture Performance Index
HDR 10+
Pixel Precise Ultra HD



65PUS6804

4K UHD LED Smart TV

with Ambilight 3-sided

Light up your viewing with the Philips TV that brings the emotion right into the room. Picture quality is so sharp you'll think you're there. 4K performance is bright and vibrant. Ambilight sets the mood for movies, music or gaming.

Beautiful light. White back.

- 4K LED TV. Rich colour, beautiful detail.
- Ambilight. Take the emotion beyond the screen.
- Slender T-bar frame with matte metallic finish

Philips picture precision.

- Pixel Precise Ultra HD. Smooth motion, noticeable depth.
- HDR10+ supported. See more of what the director intended.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.

SAPHI. The smart way to enjoy your TV.

- One-button access to a clear icon-based menu.
- Philips TV Collection. Netflix, Prime Video and more.

Clear sound. Hear every word.

- Clear audio from full-range speakers.
- Crisp, clear dialogue. Punchy bass.

PHILIPS

4K UHD LED Smart TV

164 cm (65") Ambilight TV 1200 Picture Performance Index, HDR 10+, Pixel Precise Ultra HD

65PUS6804/12

Highlights

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.

4K LED TV

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

Dolby Vision and Dolby Atmos



Support for Dolby's premium sound and video formats means the HDR content you watch will look—and sound—gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness and colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

HDR10+ supported

Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, colour and brightness levels are adjusted from frame to frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

SAPHI Smart TV



SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and more.

Pixel Precise Ultra HD

The beauty of 4K Ultra HD TV is in savouring every detail. Philips Pixel Precise Ultra HD engine converts any input picture into stunning UHD resolution on your screen. Enjoy a smooth yet sharp moving image and exceptional contrast. Discover deeper blacks, whiter whites, vivid colours and natural skin tones — every time, and from any source.

ambilight 3 · 4K UltraHD · PixelPrecise ULTRA HD · DOLBY VISION • ATMOS · Saphi SMART TV · HDMI x3 with easyLINK

4K UHD LED Smart TV
164 cm (65") Ambilight TV 1200 Picture Performance Index, HDR 10+, Pixel Precise Ultra HD

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Specifications

Ambilight
- Ambilight Version: 3 sided

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 65 inch / 164 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Picture enhancement: Micro Dimming, Pixel Precise Ultra HD, Ultra Resolution, 1200 PPI, Dolby Vision, HDR10+
- Diagonal screen size (inch): 65 inch

Supported Display Resolution
- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz
- Video inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/ HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Smart TV Features
- User Interaction: SimplyShare, Wi-Fi Miracast Certified*
- Interactive TV: HbbTV
- Programme: Pause TV, USB Recording*
- SmartTV apps*: Online Video Stores, Open Internet Browser, TV on Demand, YouTube
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Zoom, Stretch, Wide screen
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Ease of Use: One-stop Smart Menu button, On-screen User manual

Processing
- Processing Power: Quad Core

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
- HEVC support

Connectivity
- Number of HDMI connections: 3
- Number of USBs: 2
- Number of components in (YPbPr): 1
- Wireless connections: Wi-Fi 802.11n 2 x 2 integrated, Dual Band
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Audio L/R in, Headphone out
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on all HDMI
- Number of CVBS: 1

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, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

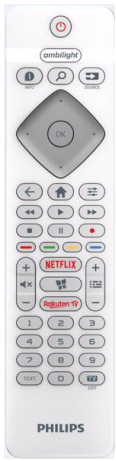
Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio)
- Energy Label Class: A+
- EU Energy Label power: 99 W
- Annual energy consumption: 145 kW·h
- Mercury content: 0 mg
- Presence of lead: Yes*
- Off mode power consumption: N/A W

Sound
- Output power (RMS): 20 W
- Sound Enhancement: Auto Volume Leveller, 5 Band Equalizer, A.I. Sound, Bass Enhancement, Clear Dialogue, Dolby Atmos®
- Speaker configuration: 2 x 10 W full-range speaker

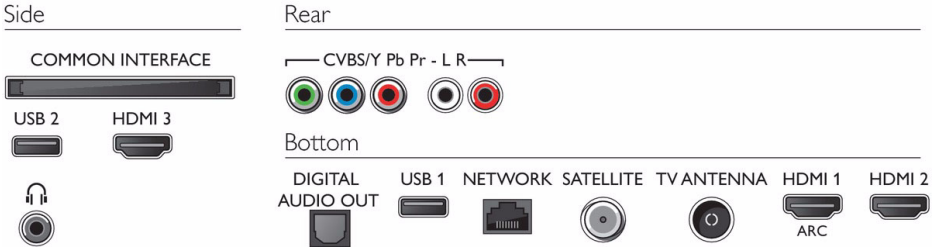
Dimensions
- Box dimensions (W x H x D): 1600.0 x 995.0 x 174.0 mm
- Set dimensions (W x H x D): 1461.7 x 851.0 x 96.3 mm
- Set dimensions with stand (W x H x D): 1461.7 x 873.7 x 267.1 mm
- Product weight: 25.0 kg
- Product weight (+stand): 27.0 kg
- Weight incl. Packaging: 35.0 kg
- VESA wall mount compatible: 400 x 200 mm
- Stand dimensions (W x H x D): 900.0 x 22.7 x 267.1 mm

Accessories
- Included accessories: Remote Control, 2 x AAA Batteries, Power cord, Quick start guide, Legal and safety brochure, Tabletop stand

Colour & Finish
- TV Front: Light Silver



Connections



* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* 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.
* Compatibility depends on Wi-Fi Miracast certification and Android 4.2 or later. For more details please refer to your device documentation.
* 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.

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