4K Quantum Dot LED TV powered by Android TV

with Ambilight 3-sided

The revolutionary Philips 8600 series use Quantum Dot LED TV with incredible P5 engine on a floating soundbar. Immersing lifelike pictures & breathtaking audio offers you an irresistible delight for you to own this exquisite craftsmanship.

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, color & sharpness with HDR Perfect
- Perfect Color unlocks all the possibilities of color

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

65PUS8602/12

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. Color, 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 colors 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 optimizes 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 colors 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 clear and detailed resolution and profoundly deep contrasting images. All these, coupled with a full dazzling array of illumination and brilliant kaleidoscope of colors will surely takes 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 color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the directors' intent. The end result? Now you can enjoy your TV with brighter highlights, ultimate contrast and colors. With unrivalled levels of pure vivid detail, this is HDR Perfect; It's TV like you've never seen before.

Perfect Color

Philips Perfect Color technology unlocks lifelike color realism with trillions of shades.

Experience an astonishingly wide color spectrum in combination with our most sophisticated color processing. Perfect Color is the combination of 100% wide color gamut panel and 2.250 Trillion color 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 movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite 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 dialog 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: 3840x2160
- 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: 16GB, extendable via USB storage

Smart TV Features
- User Interaction: MultiRoom Client and Server, SimplyShare
- Interactive TV: HbbTV
- Program: 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, Onscreen Usermanual
- 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): 50W

- 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 component 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 HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

Power
- Mains power: AC 220 - 240 V 50/60Hz
- Standby power consumption: < 0.3 W
- 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
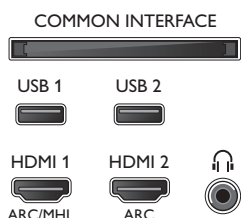- Mercury content: 0 mg
- Presence of lead: Yes*

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: 36.4 kg
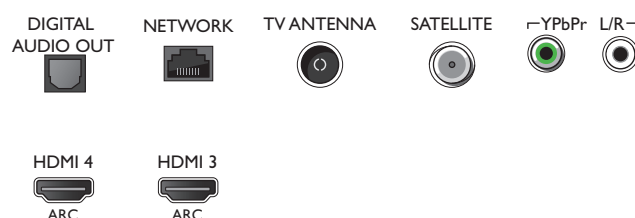- VESA wall mount compatible: 400 x 400 mm

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