

PHILIPS

OLED

4K UHD OLED TV

OLED 720 series

164 cm (65") 4K UHD OLED TV

Google TV™

Dolby Vision and Dolby Atmos



65OLED720

Every show. Every film. Every game.

4K UHD OLED Google TV

The thrill is real with our most affordable OLED TV. Whatever you watch or play, the lifelike picture and smooth motion dial up the excitement. Dolby Atmos sound for every show, film and game.

4K OLED TV. Where TV comes alive.

- Entertainment you love, with a little help from Google.
- Whatever the source, always perfection. Philips P5 engine.
- Detail and depth. Lifelike OLED picture.
- AI voice control. Google Assistant

Ready for the content you love

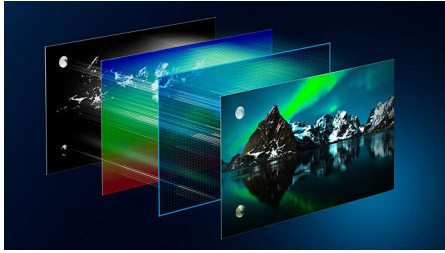
- Take your gaming to the next level

True colour. Incredible depth. Flexible sound.

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Ultra-sharp picture. Vibrant viewing.
- Supports most major HDR formats.

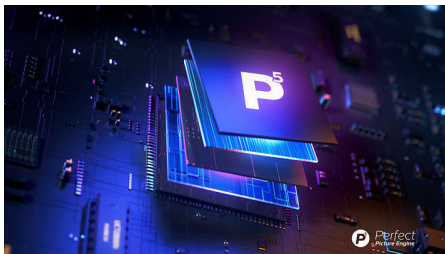
Highlights

OLED TV



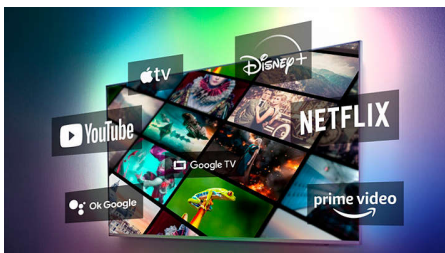
The lifelike picture of your 4K (UHD) OLED TV always looks incredible, even if viewed at an angle. Blacks are always black, not grey, and you'll see every detail in shadows or bright areas. All major HDR formats are supported — you'll feel the full power of every scene.

P5 Perfect Picture Engine



The Philips P5 engine delivers a picture 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. Motion is perfectly smooth.

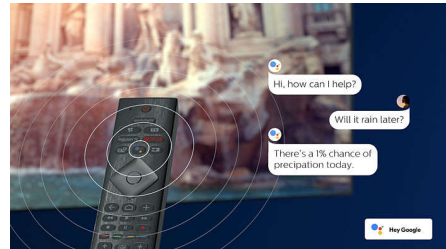
Google TV™



What do you want to watch? Google TV brings together films, shows and more from across your apps and subscriptions, and organises them just

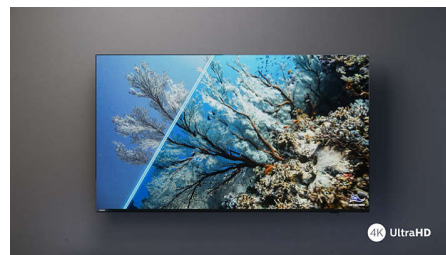
for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

Google Assistant. Control the TV with your voice.



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find films and shows, get recommendations and control compatible smart home devices.

Ultra-sharp picture



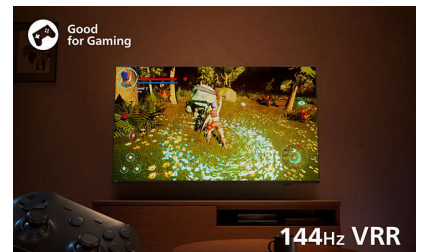
Whatever you watch, this 4K LED TV gives you a bright, ultra-sharp picture with vivid colours. Plus, the TV is compatible with all major HDR formats so you'll see more detail—even in dark and bright areas—when you're streaming HDR content.

Dolby Vision and Dolby Atmos



With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture that the director wanted you to see — no more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

Good for gaming. 144 Hz, VRR.



HDMI VRR lets you get the best from your console, with fast gameplay and smooth graphics. Low-input-lag setting activates automatically when you turn on your console. Play without limits and immerse yourself in QLED's incredible realism! HDMI 2.1 and a blazing-fast 144 Hz native refresh rate get the best out of next-gen gaming gear with fluid, responsive gameplay, super-smooth natural motion and great-looking graphics.

HDR supported

Supports most major HDR formats.

Specifications

Picture/Display

Aspect ratio: 16:9

Display: 4K Ultra HD OLED

Panel resolution: 3840 x 2160

Picture engine: P5 Perfect Picture Engine

Picture enhancement: HDR10, HLG (Hybrid Log Gamma), Dolby Vision, Standard, Dynamic, Movie, ECO, Gentle, Vivid, Sport, Game

Variable Refresh Rate: 144Hz

Display input resolution

Resolution-Refresh rate: 1920 x 1080p

-24/25/30/50/ 60/100/120/144Hz 2560 x 1440 -

60/120Hz 3840x2160p -

24/25/30/50/60/100/120/144Hz

Supported Display Resolution

Computer inputs on all HDMI: HDR supported, HDR10/ HLG

Video inputs on all HDMI: HDR supported, HDR10/HLG (Hybrid Log Gamma)

Tuner/Reception/Transmission

Digital TV: DVB-T/T2

MPEG Support: MPEG2, MPEG4

HEVC support

Smart TV

OS: Google TV™

Memory size (Flash)*: 32GB

Smart TV Features

SmartTV apps*: Youtube, Amazon Prime Video, Google Search, YouTube Music, Netflix

Ease of Use: One-stop smart menu button

Firmware upgradeable: Online firmware upgrade, Firmware upgradeable via USB, Firmware auto upgrade wizard

Remote Control: with Voice

Voice assistant*: Google Assistant built-in, RC with Mic.

Multimedia Applications

Video Playback Formats:

MPEG1,MPEG2,MPEG4,H.264,HEVC/H.265,VP8,AVS, AVS2.0,AV1, Motion JPEG,H,VP9

Music Playback Formats: MPEG1/2

Layer1,MPEG1/2 Layer2,AMR,MPEG1/2

Layer3,AC3,EAC3(DDP),LPCM,AAC, HEAAC

Subtitles Formats Support: .SMI, .SRT, .SUB, .TXT, .ASS, .SSA

Picture Playback Formats: JPEG, GIF, PNG, BMP, HEIF

User Interaction

Remote Control: Voice*

Signal strength indication

Sound

Output power (RMS): 16 W

Speaker configuration: 2 x 10 W speaker

Sound Enhancement: Dolby Atmos, Auto

Volume Leveler, Bass Enhancement

Connectivity

Number of HDMI connections: 3

Number of USBs: 3

Wireless connection: Bluetooth 5.1, Wi-Fi 802

11ac 2x2 Dual band

Other connections: Antenna IEC75, Ethernet-LAN RJ-45, Digital audio out (optical), Audio Out (3.5mm)

HDCP 2.2

HDMI 2.1 features: Max 48Gbps data rate, HDMI VRR

HDMI eARC: Yes on HDMI1

Supported HDMI video features

Gaming: ALLM, HDMI VRR

HDR: Dolby Vision, HDR10, HLG

Power

Mains power: AC 100--240 V 50/60 Hz

Ambient temperature: 5 °C to 35 °C

Standby power consumption: <0.5 W

Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode

Accessories

Included accessories: 2 x AAA Batteries, Power cord, Quick start guide, Legal and safety brochure, Table top stand, Remote Control, User Manual

Dimensions

Set Width: 1449 mm

Set Height: 835 mm

Set Depth: 46 mm

Product weight: 25 kg

Set width (with stand): 1449 mm

Set height (with stand): 869 mm

Set depth (with stand): 335 mm

Product weight (+stand): 25.5 kg

Box width: 1606 mm

Box height: 971 mm

Box depth: 124 mm

Weight incl. Packaging: 31 kg

Wall mount dimensions: 300 x 200 mm

- * Philips TV does not guarantee 100% interoperability with all HDMI CEC devices
- * Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.
- * Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.
- * Amazon Prime is available in selected languages and countries.
- * Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.
- * Netflix subscription required. Subject to terms on <https://www.netflix.com>
- * Google TV is the name of this device's software experience and a trademark of Google LLC.
- * Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, OK Google and other marks are trademarks of Google LLC.
- * Smart TV app availability varies per TV model and country. For more details please visit: www.philips.com/smarttv.
- * Due to the transmission limitations of Bluetooth wireless technology, a slight sound delay might occur when you hear audio from your Bluetooth headphones or Bluetooth speakers. When this occurs, you might see the character moving his or her lips but with a slight delay in the accompanying dialogue
- * 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.
- * Google Assistant is available on Philips Android TVs running on Android O (8) or higher OS version. Google Assistant is available in selected languages and countries.
- * Memory size (Flash): 32 GB; the actual available disc space may differ (dependent on e.g. (pre-)installed apps, installed operating system etc.)
- * Images are for illustrative purpose

