Philips OLED
4K UHD OLED Android TV

P5 AI perfect picture engine

Dolby Atmos sound
4-sided Ambilight TV
194 cm (77") Android TV

77OLED806

Uniquely immersive. Completely beautiful.

4K UHD OLED Android TV

The thrillingly realistic picture on this gorgeous OLED TV combines with immersive 4-sided Ambilight to create cinema-sized excitement. Whatever you watch or play, the action will leap from the screen-right into your living room.

Designed to mesmerize.
- All-round immersion. 4-sided Ambilight.
- Premium design. From stand to remote.
- This is what lifelike feels like. Philips OLED TV.

Smooth motion. True color. Incredible depth.
- Vibrant HDR picture. Philips 4K UHD TV.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos
- Great for gaming. Ultra-low latency on any console
- Whatever you watch, a picture so real. P5 engine with AI.

Content at your command.
- Voice control. The Google Assistant. Works with Alexa.
- Multi-room audio. DTS Play-Fi
- Simply smart. Android TV.
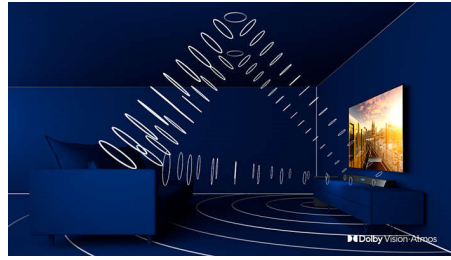
PHILIPS

Highlights

4-sided Ambilight

With Philips 4-sided Ambilight, every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.
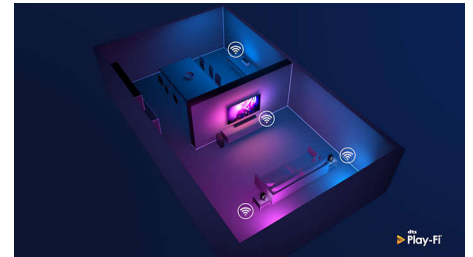
P5 engine with AI

Philips P5 processor with AI delivers a picture so real it feels like you could step right into it. A deep-learning AI algorithm processes images in a manner similar to the human brain. No matter what you're watching, you get lifelike detail and contrast, rich color, and smooth motion.

Philips OLED TV

With a Philips OLED TV, you get a wider viewing angle and a uniquely lifelike picture. Blacks are deeper. Colors are truer. Details in shadows and highlights are precisely reproduced. All major HDR formats are supported. You'll feel the full power of every scene.

Dolby Vision + Dolby Atmos

Support for Dolby's premium sound and video formats means the HDR content you watch will look-and sound-glorious. You'll enjoy a picture that reflects the director's original intentions and experience spacious sound with real clarity and depth.

Premium materials

Every inch of this TV looks and feels premium. The ultra-thin metal bezel. The soft, textured leather-backed remote with backlit keys. Or the reversible two-tone metal feet-which you can fit to the TV either way around, depending on the tone you prefer.

Simply smart. Android TV

Your Philips Android TV gives you the content you want-when you want it. You can customize the home screen to display your favorite apps, making it simple to start streaming the movies and shows you love. Or pick up where you left off.

HDMI 2.1 VRR and low latency

Your Philips TV boasts the latest HDMI 2.1 connectivity and automatically switches to an ultra-low-latency setting when you start playing a game on your console. VRR and Freesync are supported for smooth fast-action gameplay. Ambilight's gaming mode brings the thrill right into the room.
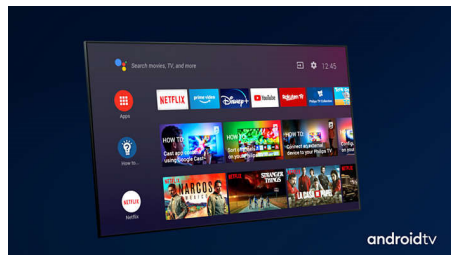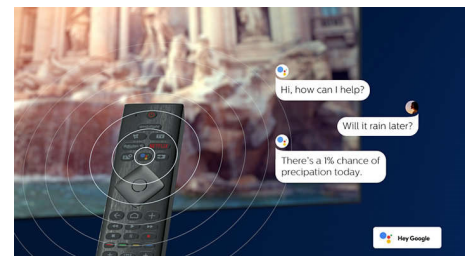
DTS Play-Fi compatible

With DTS Play-Fi on your Philips TV you can connect to compatible speakers in any room. Got wireless speakers in the kitchen? Listen to the movie while you make a snack or keep up with the sports commentary while you get everyone drinks.

AI voice control

Push a button on the remote to talk to the Google Assistant. Control the TV or Google Assistant-compatible smart home devices with your voice. Or ask Alexa to control the TV via Alexa-enabled devices.

Specifications

Ambilight
- Ambilight Features: Built in Ambilight+hue, Ambilight Music, Game Mode, Wall colour adaptive, Lounge mode, AmbiWakeup, AmbiSleep, Philips Wireless Home Speakers
- Ambilight Version: 4-sided

Picture/Display
- Aspect ratio: 16:9
- Display: 4K Ultra HD OLED
- Picture enhancement: Ultra Resolution, Wide Color Gamut 99% DCI/P3, Dolby Vision, HDR10+, Perfect Natural Motion, A.I. PQ mode, CalMAN Ready, ISF Color Management, Micro Dimming Perfect
- Panel resolution: 3840x2160
- Picture engine: P5 AI Perfect Picture Engine

Supported Display Resolution
- Computer inputs on all HDMI: HDR supported, HDR10+/HLG, HDR supported, HDR10/ HLG, up to 4K UHD 3840 x 2160@120Hz
- Video inputs on all HDMI: HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision, up to 4K UHD 3840x2160@120Hz

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

Android TV
- OS: Android TV™ 10 (Q)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube, Netflix, Amazon Prime Video, Spotify
- Memory size(Flash): 32GB*

Smart TV Features
- User Interaction: SimplyShare
- Program: Pause TV, USB recording*
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard, Device connection 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, Wide screen
- Remote Control: with Voice, with Key light, with Muirhead leather
- Voice assistant*: Google Assistant built-in, RC with Mic., Works with Alexa

Multimedia Applications
- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Processing
- Processing Power: Quad Core

Sound
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalization
- Audio: Output power : 50 Watt (RMS), 2.1 Channel
- Codec: AC-4, Dolby Atmos, DTS-HD(M6), Dolby Digital MS12 V2.5
- Speaker configuration: 10Wx2 mid-high speaker, 30W sub-woofer

Connectivity
- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 3
- Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- Other connections: Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes for all ports
- HDMI eARC: Yes on HDMI2
- HDMI VRR: Yes on all HDMI ports, FreeSync Premium

Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.5W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode

Accessories
- Included Accessories: Legal and safety brochure, Power cord, Quick start guide (x1), Remote Control, Table top stand, 2 x AAA Batteries

Dimensions
- Box depth: 200.0 mm
- Product weight: 36.7 kg
- Set Width: 1722.7 mm
- Set width (with stand): 1722.7 mm
- Box height: 1170.0 mm
- Box width: 1950.0 mm
- Set Height: 990.7 mm
- Weight incl. Packaging: 50.0 kg
- Set Depth: 78.6 mm
- Set height (with stand): 1008.3 mm
- Set depth (with stand): 310.0 mm

- Product weight (+stand): 38.0 kg
- Wall mount dimensions: 400 x 300 mm