

Ultra Slim 4K UHD LED Android TV with Ambilight 3-sided

- 126 cm (50")
- 1600 Picture Performance Index
- HDR Plus
- P5 Perfect Picture Engine

50PUS7303/12



## Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Indulge in the shows, films and games you love with a 4K UHD TV that makes content from any source look superb. With Android TV, wireless connectivity and Ambilight you won't just stream your favourites. You'll get lost in them.

### Benefits

*Sharp. Light. Immersive.*

- Ambilight. Take the emotion beyond the screen.
- Slender bezel and metal stand.

*Delight in the beauty of 4K*

- 4K Ultra HD. Pictures so sharp you'll think you're there.
- Philips P5 Engine. Whatever the source, always perfection.

*Rich colour. Sharp contrast.*

- HDR Plus. Enhanced contrast, colour and sharpness.
- Micro Dimming Pro. Intelligent contrast for dynamic scenes.

*Android TV-powerfully smart*

- Quad Core processor and Android. Unleash your content.
- Google Assistant built in. Content and more at your command.
- Google Play store and Philips app gallery. More to love.

# PHILIPS

## Features

### 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 Ultra HD

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.

### P5 Perfect Picture Engine



The Philips P5 Perfect Picture Engine delivers an image 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. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

### High Dynamic Range Plus



High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and colour. Enjoy a sensory

experience that captures the original richness and liveliness, yet accurately reflects the content creator's intent. The end result? Brighter highlights, greater contrast, a broader range of colours and detail like never before.

### Micro Dimming Pro

Micro Dimming Pro optimises the contrast on your TV based on the lighting conditions of your room. Combined with its special software that analyses the picture in 6400 different zones, you will enjoy incredible contrast and image quality for a truly lifelike visual experience - day or night.

### Quad Core + Android

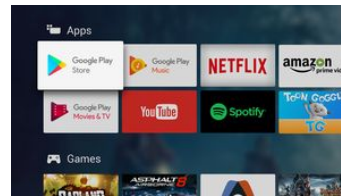
Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun.

### Google Assistant built in



Control your Philips Android TV with your voice. Want to play a game, watch Netflix or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa.

### TV Content



Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online. More to love.

## 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 | Built-in Ambilight+hue<br>Ambilight Music<br>Game Mode<br>Wall colour adaptive<br>Lounge mode |

### Picture/Display

|                               |                 |
|-------------------------------|-----------------|
| Display                       | 4K Ultra HD LED |
| Diagonal screen size (inch)   | 50 inch         |
| Diagonal screen size (metric) | 126 cm          |
| Diagonal screen size (inch)   | 50 inch         |
| Panel resolution              | 3840 x 2160     |

|                     |   |
|---------------------|---|
| Aspect ratio        | 16:9  |
| Pixel engine        | P5 Perfect Picture Engine                         |
| Picture enhancement | Ultra Resolution<br>Micro Dimming Pro<br>1600 PPI |

### Android

|                    |   |
|--------------------|---|
| OS                 | Android™ 8.0 (Oreo)   |
| Pre-installed apps | Google Play Movies*<br>Google Play Music*<br>Google Search<br>YouTube |
| Memory size        | 16 GB   |

### Smart TV Features

|                  |                             |
|------------------|-----------------------------|
| User Interaction | MultiRoom Client and Server |
|------------------|-----------------------------|

|                                 |   |                                     |  |
|---------------------------------|---|-------------------------------------|--|
| Interactive TV Programme        | SimplyShare<br>HbbTV<br>Pause TV<br>USB Recording*  |                                     | .TXT<br>.SMI<br>AAC<br>MP3<br>WAV<br>WMA (v2 up to v9.2)<br>WMA-PRO (v9 and v10) |
| SmartTV apps*                   | Online Video Stores<br>Open Internet Browser<br>Social TV<br>TV on Demand<br>YouTube  | Music Playback Formats              |  |
| Ease of Installation            | Auto detect Philips devices<br>Device connection wizard<br>Network installation wizard<br>Settings assistant wizard                                       | Picture Playback Formats            | JPEG<br>BMP<br>GIF<br>PNG  |
| Ease of Use                     | One-stop Smart Menu button<br>On-screen User manual   | <b>Supported Display Resolution</b> |  |
| Firmware upgrade-able           | Firmware auto upgrade wizard<br>Firmware upgradeable via USB<br>Online firmware upgrade   | Computer inputs on HDMI 1/2         | up to 4K UHD 3840 x 2160 @60 Hz<br>HDR supported, HDR10/HLG                      |
| Screen Format Adjustments       | Basic - Fill Screen<br>Fit to Screen<br>Advance - Shift<br>Zoom, Stretch  | Computer inputs on HDMI 3/4         | up to 4K UHD 3840 x 2160 @60 Hz  |
| Philips TV Remote app*          | Apps<br>Channels<br>Control<br>NowOnTV<br>TV Guide<br>Video On Demand   | Video inputs on HDMI 1/2            | up to 4K UHD 3840 x 2160 @60 Hz<br>HDR supported, HDR10/HLG                      |
| Remote Control                  | with Voice<br>with Keyboard   | Video inputs on HDMI 3/4            | up to 4K UHD 3840 x 2160 @60 Hz  |
| <b>Processing</b>               |   |                                     |  |
| Processing Power                | Quad Core   | <b>Tuner/Reception/Transmission</b> |  |
| <b>Sound</b>                    |   |                                     |  |
| Output power (RMS)              | 20 W  | HEVC support                        | Yes  |
| Sound Enhancement               | Smart Sound<br>DTS-HD Premium Sound [DTS-HD Premium Sound]<br>Dolby Atmos reflective<br>DTS Studio Sound<br>DTS TruSurround                               | Digital TV                          | DVB-T/T2/T2-HD/C/S/S2  |
| Speaker configuration           | 2 x 10 W full-range speaker   | MPEG Support                        | MPEG2<br>MPEG4   |
| <b>Connectivity</b>             |   |                                     |  |
| Number of HDMI connections      | 4   | Video Playback                      | NTSC<br>PAL<br>SECAM   |
| Number of USBs                  | 2   | TV Programme guide*                 | 8-day Electronic Programme Guide   |
| Number of components in (YPbPr) | 1   | Signal strength indication          | Yes  |
| Wireless connections            | Dual Band<br>Wi-Fi 802.11n 2 x 2 integrated   | Teletext                            | 1000-page Hypertext  |
| Other connections               | Antenna IEC75<br>Satellite Connector<br>Common Interface Plus (CI+)<br>Digital audio out (optical)<br>Ethernet-LAN RJ-45<br>Audio L/R in<br>Headphone out | <b>Power</b>                        |  |
| HDMI features                   | 4K<br>Audio Return Channel  | Mains power                         | AC 220 - 240 V 50/60 Hz  |
| EasyLink (HDMI-CEC)             | Remote control pass-through<br>System audio control<br>System standby<br>One touch play   | Standby power consumption           | <0.3 W   |
| HDCP 2.2                        | Yes on all HDMI   | Off mode power consumption          | 0.3 W  |
| <b>Multimedia Applications</b>  |   |                                     |  |
| Video Playback Formats          | Containers: AVI, MKV<br>H264/MPEG-4 AVC<br>MPEG-1<br>MPEG-2<br>MPEG-4<br>WMV9/VC1<br>VP9<br>HEVC (H.265)  | Ambient temperature                 | 5°C to 35°C  |
| Subtitles Formats Support       | .SRT<br>.SUB  | Power Saving Features               | Auto switch-off timer<br>Light sensor<br>Picture mute (for radio)                |
| <b>Dimensions</b>               |   |                                     |  |
|                                 |   | Energy Label Class                  | A  |
|                                 |   | EU Energy Label power               | 78 W   |
|                                 |   | Annual energy consumption           | 114 kW h   |
|                                 |   | Mercury content                     | 0 mg   |
|                                 |   | Presence of lead                    | Yes*   |
|                                 |   | Box width                           | 1240 mm  |
|                                 |   | Box height                          | 800 mm   |
|                                 |   | Box depth                           | 160 mm   |
|                                 |   | Set Width                           | 1128.4 mm  |
|                                 |   | Set Height                          | 663 mm   |
|                                 |   | Set Depth                           | 83.2 mm  |
|                                 |   | Set width (with stand)              | 1128.4 mm  |
|                                 |   | Set height (with stand)             | 717.6 mm   |
|                                 |   | Set depth (with stand)              | 266.3 mm   |
|                                 |   | TV stand width distance             | 780 mm   |
|                                 |   | VESA wall mount compatible          | 200 x 200 mm   |
|                                 |   | Product weight                      | 12.8 kg  |
|                                 |   | Product weight (+stand)             | 13.6 kg  |
|                                 |   | Weight incl. Packaging              | 18.1 kg  |

## Colour & Finish

TV Front                      Dark Silver

## Accessories

Included accessories      Remote Control  
   Quick start guide  
   Legal and safety brochure

Power cord  
Mini-jack to L/R cable  
Mini-jack to YPbPr cable  
Tabletop stand  
2 x AA Batteries

- \* 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.
- \* 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](http://www.philips.com/TVRemoteapp).
- \* Smart TV app availability varies per TV model and country. For more details please visit: [www.philips.com/smarttv](http://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.
- \* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)
- \* 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.
- \* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.
- \* Google Assistant built in will come as a software update for 2018 Android TVs.



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