



Philips

4K Ultra-Slim TV powered by Android TV™ with Ambilight 3-sided and Pixel Precise Ultra HD

- 139 cm (55")
- 4K Ultra-HD LED TV
- Quad Core, 16 GB & expandable
- DVB-T/T2/C/S/S2

55PUS6581/12

4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

The beautifully crafted Philips 6500 Series is here. Experience its beautiful 4K Ultra-HD picture quality and open a world of entertainment with Android TV. A slim frame and unique Arc Stand complete the look for an elegant designer finish.

Benefits

Crafted Lightness

- Ambilight changes the way you look at TV forever
- The Arc stand: beautifully bright

Passionate about Picture Quality

- 4K Ultra HD is unlike any resolution you've ever seen before
- Enjoy a vivid picture with Pixel Precise Ultra HD
- Micro Dimming Pro for incredible contrast

Exhilarating. Limitless. Powered by Android

- Unleash the power of Quad Core and integrated Android
- Google Play™: your window to fun
- Cloud Gaming: high-quality games for all ages

Thin TV — Big sound

- Philips Double Ring technology for rich and powerful bass
- Hear every detail with DTS Premium Sound



android tv



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Features

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 three-sides of your TV screen onto the surrounding walls. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Arc stand

Designed as a companion to our 4-sided Ambilight, the Philips Arc stand has a light, open arch that creates the illusion that your TV is floating in a halo of light. The high-quality polished chrome finish and elegant open design add an air of style to any room.

4K Ultra HD

Ultra-HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion and flawless details.

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.

Micro Dimming Pro

Micro Dimming Pro optimises the contrast on your TV based on the lighting conditions of your room. With its special software, which analyses the picture

in 6400 different zones, you'll 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 Play

Google Play™ has a rich catalogue of high-quality games for all ages. Optimised for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

Cloud Gaming

Cloud Gaming offers a vast online catalogue of high-quality games for every age, taste and gaming level. Simply pick a game and play on your TV!

Double Ring technology

Philips Double Ring technology allows for increased speaker movement in the subwoofers—and more movement means more punch! So you'll enjoy strong, rich bass even in a thin TV design.

DTS Premium Sound

Great TV speakers demand a powerful processing engine that preserves the purity of the original audio content. DTS Premium Suite 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 dialogue that's delivered at maximum volume levels and without any fluctuations, clipping or distortion.

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 Ambilight Music Game Mode Wall colour adaptive Wall Distance Adaptive Lounge mode |

Picture/Display

| | |
|-------------------------------|-----------------------------------------------------------------------------------|
| Display | 4K Ultra HD LED |
| Diagonal screen size (metric) | 139 cm |
| Diagonal screen size (inch) | 55 inch |
| Panel resolution | 3840 x 2160 |
| Aspect ratio | 16:9 |
| Brightness | 400 cd/m ² |
| Picture enhancement | Micro Dimming Pro Ultra Resolution Natural Motion Pixel Precise Ultra HD |

Android

| | |
|--------------------|-----------------------------------------------------------------------|
| OS | Android™ 5.1 (Lollipop) |
| Pre-installed apps | Google Play Movies* Google Play Music* Google Search YouTube |
| Memory size | extendable via USB storage 16 GB |

Smart TV Features

| | |
|--------------------------|--------------------------------------------------------------------------------------|
| User Interaction | MultiRoom Client and Server SimplyShare |
| Interactive TV Programme | HbbTV Pause TV USB Recording* |
| SmartTV apps* | Online Video Stores Open Internet Browser Social TV TV on Demand YouTube |
| Ease of Installation | Auto detect Philips devices |

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Ease of Use | Device connection wizard Network installation wizard Settings assistant wizard One-stop Smart Menu button On-screen User manual |
| 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 with Keyboard |
| Remote Control | |

Processing

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|------------------|-----------|
| Processing Power | Quad Core |
|------------------|-----------|

Sound

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|--------------------|-------------------------------------------------|
| Output power (RMS) | 20 W |
| Sound Enhancement | DTS Premium Sound Clear Sound Smart Sound |

Connectivity

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|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of HDMI connections | 4 |
| Number of components in (YPbPr) | 1 |
| Number of scarts (RGB/CVBS) | 1 |
| Number of USBs | 3 |
| Wireless connections | Dual Band Wi-Fi 11n 2x2 integrated |
| Other connections | Antenna IEC75 Common Interface Plus (CI+) Ethernet-LAN RJ-45 Digital audio out (optical) Audio L/R in Audio in (DVI) Headphone out Service connector Satellite Connector |
| HDMI features | 4K Audio Return Channel Remote control pass-through System audio control System standby One touch play |
| EasyLink (HDMI-CEC) | Yes on HDMI1 Yes on HDMI2 |
| 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 |
| Subtitles Formats Support | .SRT .SUB .TXT .SMI |
| Music Playback Formats | AAC MP3 WAV WMA (v2 up to v9.2) WMA-PRO (v9 and v10) |

| | |
|--------------------------|------|
| Picture Playback Formats | JPEG |
|--------------------------|------|

Supported Display Resolution

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|-----------------------------|-----------------------------------------------------------|
| Computer inputs on all HDMI | @60 Hz up to 4K Ultra HD 3840 x 2160 |
| Video inputs on all HDMI | @ 24, 25, 30, 50, 60 Hz up to 4K Ultra HD 3840 x 2160p |

Tuner/Reception/Transmission

| | |
|----------------------------|----------------------------------|
| Digital TV | DVB-T/T2/C/S/S2 |
| MPEG Support | MPEG2 MPEG4 |
| Video Playback | NTSC PAL SECAM |
| TV Programme guide* | 8-day Electronic Programme Guide |
| Signal strength indication | Yes |
| Teletext | 1000-page Hypertext |

Power

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|---------------------------|-------------------------------------------------------------------|
| Mains power | AC 220 - 240 V 50/60 Hz |
| Ambient temperature | 5°C to 35°C |
| EU Energy Label power | TBC W |
| Annual energy consumption | TBC kW h |
| Standby power consumption | <0.3 |
| Power Saving Features | Auto switch-off timer Light sensor Picture mute (for radio) |

Dimensions

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|----------------------------|--------------|
| Box depth | 160 mm |
| Box height | 840 mm |
| Box width | 1338 mm |
| Set Depth | 85 mm |
| Set Height | 723 mm |
| Set Width | 1239 mm |
| Set depth (with stand) | 235 mm |
| Set height (with stand) | 773 mm |
| Set width (with stand) | 1239 mm |
| Product weight | 16.7 kg |
| Product weight (+stand) | 17.4 kg |
| Weight incl. Packaging | TBC kg |
| VESA wall mount compatible | 400 x 200 mm |

Accessories

| | |
|----------------------|----------------------------------------------------------------------------------------------------------------------|
| Included accessories | Remote Control 2 x AA Batteries Tabletop stand Power cord Quick start guide Legal and safety brochure |
|----------------------|----------------------------------------------------------------------------------------------------------------------|

- * 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.
- * Cloud Gaming offering depends on game providers.
- * 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) only compatible with specific Philips player device.
- * Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the Google Cast product page.
- * 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.



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