



Philips 9100 series  
Razor Slim 4K UHD TV  
powered by Android™  
with Ambilight 4-sided and  
Perfect Pixel Ultra HD

**139 cm (55")**

4K Ultra HD LED TV  
Hex Core  
Twin Tuner DVB-T/T2/C/S/S2



**55PUS9109**

## Razor Slim 4K UHD TV powered by Android with Ambilight 4-sided

Have it all: design, technology and a superior image. Philips 9100 series Ultra HD with 4-sided Ambilight has a Razor Slim profile and modern Arc stand that radiates quality. We've included a wireless subwoofer for an unrivaled experience.

### Who said only angels have halos

- Ambilight 4-sided: imagine your TV in a halo of light

### Love at first sight

- Razor Slim profile: the ultimate in cutting edge design
- The Arc stand: beautifully bright

### See it. Hear it. Experience it.

- 4K Ultra HD: resolution like you've never seen it before
- Perfect Pixel Ultra HD—discover stunning picture quality
- 1000Hz PMR Ultra HD for the ultimate in smooth moving images
- Wireless subwoofer: feel the ultimate sound experience

### Entertainment at the speed of light

- Google Play™ store—the world at your fingertips
- Twin Tuner lets you watch or record more than one program
- Point, type, talk or make gestures—truly Smart interaction
- From apps to Cloud TV: more online entertainment than ever



**PHILIPS**

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139 cm (55") 4K Ultra HD LED TV, Hex Core, Twin Tuner DVB-T/T2/C/S/S2

## Highlights

### Ambilight 4-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? Our most amazing Ambilight experience ever projects an extra wide glow around four-sides of your TV onto the surrounding wall. Your screen seems much wider, your experience more enhanced...and your TV appears to float on air. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.

### Razor Slim profile

Sometimes less is more. Especially when it comes to the thinness of your TV. That's why Philips Razor Slim TVs has our thinnest, sharpest and most refined edge. From some angles you'll barely notice it's there...and yet it never fails to be the first thing people admire when they walk into the room.

### Arc stand

Designed as a companion to our 4-sided Ambilight, 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 Resolution

See TV like never before thanks to four times the resolution of a conventional Full HD TV. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

### Perfect Pixel Ultra HD

Building on our award winning Picture Quality heritage, we've elevated high definition Picture Quality to a whole new level. The picture processing algorithms of our Perfect Pixel Ultra HD engine convert any input picture into 4K Ultra HD resolution on your screen. The result? Whether you watch a video online, or native UHD content, you'll experience the ultimate in sharpness, motion, clarity, color and contrast from Philips.

### 1000Hz PMR Ultra

Nothing beats the adrenaline rush of gaming, fast paced sporting events or action films on an Ultra HD TV. That's why this Philips TV has 1000Hz Perfect Motion Rate Ultra; so you'll enjoy the ultimate in smooth moving Ultra HD images. Because even though your pulse may jump, the image you're watching shouldn't.

### Wireless subwoofer

Feel the power of sound. We've included a Wireless Ultra Bass subwoofer to bring more depth to your TV experience. 50W of power delivers high impact sound that will transform the ambient space of your room. It's wireless and thin enough to place discreetly under your sofa or against the wall, so you can create a truly captivating sound experience anywhere within your home.

### Google Play™ store

Feel like a kid in a candy store. Enjoy a delicious assortment of apps, games, and all the goodies available from the Google Play™ store like the Chrome™ browser, YouTube™, Google Movies, Google Music, social network apps and more...and all on your TV Powered by Android™.

### Twin Tuner

Never fight about what to watch again. With a twin tuner on your TV you can watch your favorite series and a football game—and all at the same time. Our dual recording feature lets you watch one program while recording another so, you'll always have something great to watch later.

### Smart Interaction

Communicating with your TV has never been easier or so much fun. Our totally intuitive remote control has all the usual perks like short cut buttons, a point and click mouse function and a keyboard on the flip side...and there's more. Want to lower the volume? A simple swipe of your hand (no remote necessary!) and the built in camera will recognize your gesture and adjust it accordingly. Don't feel like using the keyboard?

55PUS9109/12



### Ambilight 4-sided

Ambilight 4-sided: imagine your TV in a halo of light

You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Our most amazing Ambilight experience ever projects an extra wide glow around four-sides of your TV onto the surrounding wall. Your screen seems much wider, your experience more enhanced...and your TV appears to float on air. Color, vibrancy and excitement move beyond the screen and into your living room, bringing with it a more thrilling, intense and immersive viewing experience.



### Hex Core

The power of Hex Core and Android on your 4K Ultra HD TV  
Fasten your seat belt; this is a TV engine like never before. With Android on your Ultra HD TV you'll enjoy the ultimate images, make video calls, and chat in a way that is super fast, super intuitive, and super fun. The Android robot liberates the power of multiple cores spread over multiple processors to get things done with lightning speed and total ease.



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# Specifications

## Ambilight

- Ambilight Version: 4 sided
- Ambilight Features: Built in Ambilight+hue, Wall colour adaptive, Gaming mode, Lounge light mode

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- 3D: Active 3D, 2 Player Full Screen Gaming\*, Premium 2D to 3D conversion
- Aspect ratio: 16:9
- Brightness: 450 cd/m<sup>2</sup>
- Pixel engine: Perfect Pixel Ultra HD
- Picture enhancement: Perfect Natural Motion, 1000Hz PMR Ultra, Local contrast, Ultra Resolution, Micro Dimming Pro

## Android

- Android OS: 4.2.2 (Jelly Bean)
- Pre-installed apps: Google Chrome browser, Search, Voice Search, Google Play Movies\*, Google Play Music\*, YouTube, OnLive\*
- Google PlayStore apps: TV libraries, TV player
- Memory size to install apps: 1.6GB, extendable via USB Hard Drive

## Smart TV

- Interactive TV: HbbTV
- SmartTV apps\*: Catch-up TV, Netflix\*, Online apps, Online Video stores
- Social TV: Facebook, Skype, Twitter

## Smart Interaction

- Remote Control: with Pointer, with Keyboard, Voice\*
- User interaction: SimplyShare, Cloud TV\* and Cloud Explorer, DropboxTM, MultiRoom Client and Server\*, Wi-fi Miracast Certified\*
- Integrated Smart Camera: Gesture Control, Skype, Distance Adaptive Sharpness
- Program: Pause TV, USB Recording\*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop Home 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, Native
- Philips TV Remote app\*: Control, Simply Share, TV Guide, Wi-Fi Smart Screen

## Processing

- Processing Power: Hex Core

## Sound

- Output power (RMS): 30W (2x 15W)
- Subwoofer output power: 50W
- Sound Features: Ambi wOOx, Natural Sound, HD Stereo
- Sound Enhancement: Incredible Surround, Incredible Surround 3D, Clear Sound, Auto Volume Leveller, Dynamic Bass Enhancement, DTS premium

## Connectivity

- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connections: Integrated Wi-Fi 11n, 2x2 Dual band
- Other connections: Antenna IEC75, 2x Sattelite input, 2x Common Interface Plus (CI+), CI+1.3 certified, Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Headphone out, Service connector
- HDMI features: 4K, 3D, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Plug & play add to Homescreeen, One touch play
- HDCP 2.2: Yes on HDMI1

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, 3GP
- Subtitles Formats Support: .AAS, .SMI, .SRT, .SUB, .TXT, MKV/SRT
- Music Playback Formats: AAC, MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS

## Supported Display Resolution

- Computer inputs on all HDMI: up to 4K Ultra HD

55PUS9109/12

- 3840x2160, @60Hz
- Video inputs on all HDMI: up to 4K Ultra HD 3840x2160p, @ 24, 25, 30, 50, 60Hz

## Tuner/Reception/Transmission

- Digital TV: 2x DVB-T/T2/C/S/S2, Astra HD+ support
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1200 page Hypertext

## Power

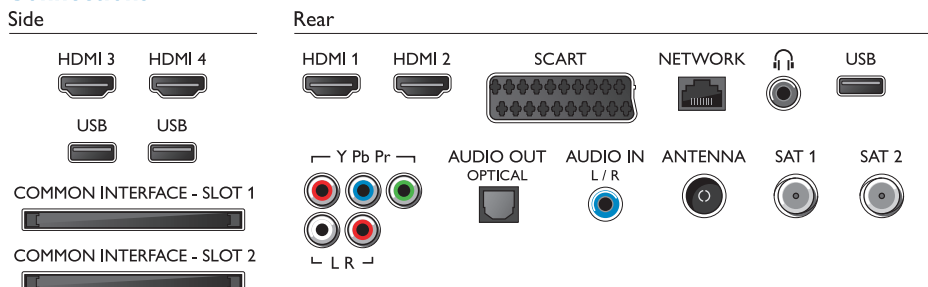
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 112 W
- Annual energy consumption: 155 kWh
- Energy Label Class: A
- Standby power consumption: < 0.3 W
- Off mode power consumption: < 0.3 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

## Dimensions

- Box dimensions (W x H x D): 1369 x 1129 x 198 mm
- Set dimensions (W x H x D): 1227 x 714 x 33 mm
- Set dimensions with stand (W x H x D): 1333 x 756 x 236 mm
- Product weight: 18.4 kg
- Product weight (+stand): 20.1 kg
- Weight incl. Packaging: 32.3 kg
- VESA wall mount compatible: 200 x 200 mm



## Connections



Issue date 2014-09-19

Version: 5.3.3

12 NC: 8670 001 10211  
EAN: 87 12581 70513 8

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[www.philips.com](http://www.philips.com)

\* Philips TV Remote app and related functionalities varies per TV model and country, as well as smart device model and OS. For more detail, please visit: [www.philips.com/TV](http://www.philips.com/TV).

\* Pointer functionality depends on the Smart TV App being used.

\* For smart TV app, visit [www.philips.com/TV](http://www.philips.com/TV) to discover the services offering in your country

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

\* Android, Google Play and other marks are trademarks of Google Inc.

\* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.

\* 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.

\* 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.

\* EPG and actual visibility (up to 8 days) is country and operator dependent.

\* (Philips) only compatible with specific Philips player device.