

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

- 123 cm (49")
- 4K Ultra-HD LED TV
- Quad Core, 16 GB & expandable
- DVB T/C/T2/T2-HD/S/S2

49PUS7101/12



4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

Amazing TV starts with 4K Ultra-HD picture quality and Ambilight. Enjoy the beautifully crafted Philips 7100 Series for an incredible entertainment experience with rich sound. And with Android TV, you can enjoy more from the comfort of your sofa.

Benefits

Crafted Lightness

- Ambilight changes the way you look at TV forever
- Finishing touches: a TV that looks as great as it performs
- Metallic open ribbon stands in a premium sandblasted finish

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
- Premium Color provides incredible colour enhancement
- Experience better contrast, colour and sharpness with HDR Plus

- The new integrated HEVC standard to enjoy high-quality 4K

Exhilarating. Limitless. Powered by Android

- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

Thin TV — Big sound

- Hear every detail with DTS Premium Sound



android tv



PHILIPS

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.

Authentic materials

Your home represents your style. Our designers chose subtle, sophisticated colours and quality finishes like polished chrome to create a TV design that blends seamlessly with your interior.

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.

TV Content



The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of films, TV, music, apps and games. 16 GB of expandable memory means there's plenty of room to store all your favourite content and to install more apps.

Metallic open ribbon stands

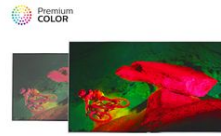
Experience the beautiful design of these open ribbon stands. Their slim legs have been perfectly shaped for a clean, architectural look combined with just the right amount of curvature. And with a unique dark chrome finish, they'll keep you enthralled with their elegance.

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.

Premium Color



Philips Premium Color combines a wide colour gamut panel enhanced by 85% with 4-trillion-colour processing. With so much more colour resolution and brilliant saturated colours, you'll forget you're looking at a screen at all.

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.

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.

HEVC support for 4K broadcasts

The new integrated HEVC (H.265) standard allows you to enjoy high picture quality 4K-resolution broadcasts.

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 Lounge mode

Picture/Display

Display	4K Ultra HD LED
Peak Luminance ratio	65 %
Diagonal screen size (metric)	123 cm
Diagonal screen size (inch)	49 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	400 cd/m ²
Pixel engine	Pixel Precise Ultra HD
Picture enhancement	Micro Dimming Pro Ultra Resolution Perfect Natural Motion

Android

OS	Android™ 6.0 (Marshmallow)
Pre-installed apps	Google Play Movies* Google Play Music* Google Search YouTube
Memory size	16 GB extendable via USB storage

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 Device connection wizard Network installation wizard Settings assistant wizard
Ease of Use	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

Processing

Processing Power	Quad Core
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Sound

Output power (RMS)	30 W
Sound Features	Triple ring technology
Sound Enhancement	DTS Premium Sound Clear Sound

Smart Sound

Connectivity

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 11ac 2x2 integrated 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
Other connections	4K Audio Return Channel Remote control pass-through System audio control System standby One touch play Yes on HDMI1 Yes on HDMI2
HDMI features	EasyLink (HDMI-CEC)
HDCP 2.2	

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV H264/MPEG-4 AVC MPEG-1 MPEG-2 MPEG-4 WMV9/VC1 HEVC (H.265) [EU TV series]
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

Computer inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Computer inputs on HDMI 3/4	up to 4K UHD 3840 x 2160 @30 Hz up to FHD 1920 x 1080 @60 Hz
Video inputs on HDMI 1/2	up to 4K UHD 3840 x 2160 @60 Hz
Video inputs on HDMI 3/4	up to FHD 1920 x 1080 @60 Hz up to 4K UHD 3840 x 2160 @30 Hz

Tuner/Reception/Transmission

HEVC support	Yes
Digital TV	DVB-T/T2/T2-HD/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

Off mode power consumption	0.3 W
Presence of lead	Yes*
Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
EU Energy Label power	89 W
Annual energy consumption	130 kW h
Standby power consumption	<0.3
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)
Energy Label Class	A
Mercury content	0 mg

Dimensions

Box depth	160 mm
TV stand width distance	1093.3 mm
Box height	751 mm
Box width	1185 mm

Set Depth	61 mm
Set Height	644 mm
Set Width	1093 mm
Set depth (with stand)	203 mm
Set height (with stand)	709 mm
Set width (with stand)	1093 mm
VESA wall mount compatible	200 x 200 mm
Product weight	14.5 kg
Product weight (+stand)	14.9 kg
Weight incl. Packaging	18.5 kg

Accessories

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



data subject to change
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