



Philips 7000 series  
4K UHD Ultra Slim TV  
powered by Android™  
with Ambilight 2-sided and  
Pixel Precise Ultra HD

**123 cm (49")**

4K Ultra HD LED TV  
Quad Core, 16GB & expandable  
DVB-T/C/S/S2



**49PUK7100**

## 4K UHD Ultra Slim LED TV powered by Android

### With Ambilight 2-sided

Ultra fast Quad Core processing meets Ultra Slim lines: the 7100 series UHD TV with the power of Android looks as fast as it operates. An elegant silver frame, pinch stand design, and Ambilight will further intensify your viewing experience

#### Beautiful attention to detail

- Pinch stand: minimal design for the maximum impact
- Finishing touches: a TV that looks as great as it performs
- Ambilight changes the way you look at TV forever

#### See every detail

- 4K Ultra HD: resolution like you've never seen it before
- Natural Motion for fluid yet sharp moving images
- Micro Dimming Pro for incredible contrast
- Pixel Precise Ultra HD: discover vivid UHD Picture Quality

#### With Android your TV can do it all

- Unleash the power of Quad Core and integrated Android
- Google Play™: your window to fun
- Google Cast: unlock the full potential of your Smart TV
- Keyboard remote control makes texting easy



**PHILIPS**

# Highlights

## Pinch Stand

Our innovative new stand gives the illusion that the metal feet on either side effortlessly elevate the set from the table. The impression is one of extreme lightness and pared-down elegance.

## Authentic materials

Your home represents your style. We chose subtle, sophisticated colors and finishes, and combined them with authentic, quality materials to create TV designs that blends seamlessly with your interior.

## Ambilight 2-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 two-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

## 4K Ultra HD

Ultra HD TV has 4 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.

## Natural Motion

You love watching movies, but demand the best image possible. Natural Motion is our motion enhancement technology that resolves judder, providing you with a smooth moving image. Films are recorded at a limited frame rate of 24 frames per second resulting in judder. Natural Motion doubles the number of frames to 50 motion changes per second. This resolves judder, so all you see is a fluid, sharper image.

## Micro Dimming Pro

Micro Dimming Pro optimizes the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyze the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

## Pixel Precise Ultra HD

The beauty of 4K Ultra HD TV is in savoring 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 colors and natural skin tones—every time and from any source.

## Google Play

Google Play™ has a rich catalogue of high quality games for all ages. Optimized 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.

## Google Cast

Use Google Cast together with your smart device\* to harness the power of your Philips Smart TV. It lets you browse web sites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

## Remote Control with Keyboard

Take control. Our totally intuitive remote control has all the usual perks like cursor keys, volume control and short cut buttons. Flip the remote over to access a full keyboard for easy text entry in any situation.

## 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.



# Specifications

## Ambilight

- Ambilight Version: 2-sided
- Ambilight Features: Ambilight+hue, Game Mode, Built in Ambilight+hue, Wall colour adaptive, Wall Distance Adaptive, Lounge mode, Ambilight for 3D

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 49 inch / 123 cm
- Panel resolution: 3840x2160
- 3D: Passive 3D, 2 Player Full Screen Gaming\*, 2D to 3D conversion, Auto 3D detection
- Aspect ratio: 16:9
- Brightness: 400 cd/m<sup>2</sup>
- Picture engine: Pixel Precise Ultra HD
- Picture enhancement: Natural Motion, 800 Hz Perfect Motion Rate, Micro Dimming Pro, Ultra Resolution

## Android TV

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

## Smart TV Features

- User Interaction: MultiRoom client and server, SimplyShare
- Interactive TV: HbbTV
- Program: 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, 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
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 20W
- Sound Enhancement: Clear Sound, DTS Premium Sound, Smart Sound, Triple Surround

## Connectivity

- Number of HDMI connections: 4
- Number of scarts (RGB/CVBS): 1
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11n 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: 3D, 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on all HDMI

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC
- Subtitles Formats Support: .SML, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, JPS, PNG, PNS, BMS, MPO

## Supported Display Resolution

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

## Tuner/Reception/Transmission

- Digital TV: DVB-T/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

## Power

- Mains power: AC 220 - 240 V 50/60Hz

- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 75 W
- Annual energy consumption: 110 kWh
- Energy Label Class: A
- Standby power consumption: <0.5W
- Off mode power consumption: <0.3
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

## Dimensions

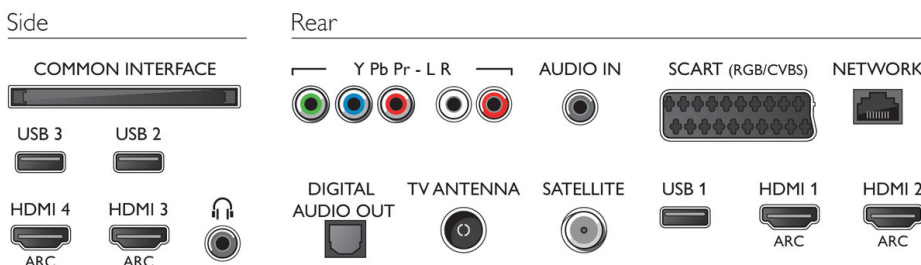
- Box dimensions (W x H x D): 1185 x 740 x 131 mm
- Set dimensions (W x H x D): 1103 x 639 x 37 mm
- Set dimensions with stand (W x H x D): 1149 x 701 x 255 mm
- Product weight: 13.6 kg
- Product weight (+stand): 13.9 kg
- Weight incl. Packaging: 16.3 kg
- Wall mount compatible: 300 x 300 mm

## Accessories

- Included accessories: 4x Passive 3D Glasses, Remote Control, 2 x AA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure
- Optional accessories: 3D glasses PTA417, 3D glasses Game kit PTA436



## Connections



Issue date 2022-10-25

Version: 8.1.1

12 NC: 8670 001 23884  
EAN: 87 18863 00328 2

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\* 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.  
\* 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 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](http://www.philips.com/TVRemoteapp).  
\* Smart TV app offerings vary 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.