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
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 upsampling 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.

**Android**
Android: for a faster, richer, more personal TV experience
With Android on your Smart TV you’ll enjoy a fast processor and user-friendly interface. Its your launch control to endless content: from Google Play™, to Netflix, to Chrome… and so much more. There’s an easy to navigate menu with direct links to your favorites. And, you can even customize the interface for a personal set-up, just like on your smart device.
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
- Aspect ratio: 16:9
- Brightness: 400 cd/m²
- Memory size: 16GB, extendable via USB storage

Picture enhancement: Natural Motion, 800 Hz

Picture resolution: 4K Ultra HD

Picture mode: Picture preset

Picture size: 16:9

Picture size switch: 4K Ultra HD

Picture type: Picture preset

Picture zoom: Picture preset

Picture zoom: Picture preset

Remote Control
- with Keyboard
- Firmware upgradeable: Firmware auto upgrade

I n t e r a c t i v e  T v :  H b b T V

Multimedia Applications
- Video playback formats: Containers: AVI, MKV, H.264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC
- Subtitles formats supported: .SRT, .ASS
- Music playback formats: AAC, MP3, WAV, WMA
- Subtitles formats supported: .SRT

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 3840x2160

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
- Main power: AC 220 - 240 V 50/60Hz
- Off mode power consumption: <0.5W

Sound
- Output power (RMS): 20W
- Sound enhancement: Clear Sound, DTS Premium Sound, Smart Sound, Triple Surround
- Number of HDMI connections: 4
- Number of scarts (RGB/CVBS): 1
- Wireless connections: Dual Band, Wi-Fi Direct, 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: 3D, 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
- Audio output (optical), Audio L/R in, Audio in (DVI), Christmas tree, System audio control, System standby, One touch play

Supported Audio Formats
- MPEG2, MPEG4
- NTSC, PAL, SECAM
- Subtitles formats supported: .SMI, .SRT, .ASS
- Music playback formats: AAC, MP3, WAV, WMA
- Subtitles formats supported: .SRT

Other Connections
- Antenna IEC75, Common Interface
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext

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

Connection
- Side
- COMMON INTERFACE
  - USB 3
  - USB 2
  - HDMI 4
  - HDMI 3
- Rear
  - Y Pb Pr - L R
  - AUDIO IN
  - SCART (RGB/CVBS)
  - NETWORK
  - DIGITAL AUDIO OUT
  - TV ANTENNA
  - SATELLITE
  - HDMI 1
  - HDMI 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 offering 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.
  - Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.
  - Compatibility depends on WiFi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.