

Philips 7000 series
4K Ultra Slim TV powered by Android TV™ with Ambilight 3-sided and Perfect Pixel Ultra HD

164 cm (65")
4K Ultra HD LED TV
Quad Core, 16GB & expandable
DVB-T/T2



65PUT7601

4K Ultra Slim LED TV powered by Android TV

with Ambilight 3-sided

Exhilarate your senses. The Philips 7600 Series uses intelligent local brightness zones in the screen for deep blacks and radiant colors that burst out of the screen. And with HDR, enjoy a viewing experience just as the director intended.

Crafted Lightness
- Ambilight changes the way you look at TV forever
- Slim aluminum pinch stands for a premium lightweight look

Award winning performance
- 4K Ultra HD is unlike any resolution you've ever seen before
- Award winning Micro Dimming Premium for brilliant contrast
- Perfect Pixel Ultra HD for the ultimate Picture Quality
- The new integrated HEVC standard to enjoy high quality 4k
- Enjoy excellent contrast,color,sharpness with HDR Premium

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

PHILIPS

4K Ultra Slim TV powered by Android TV™
164 cm (65") 4K Ultra HD LED TV, Quad Core, 16GB & expandable, DVB-T/T2

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Highlights

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 wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

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 dialog 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 movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite content and to install more apps.

Micro Dimming Premium
Micro Dimming Premium analyzes the picture in 6400 different zones to control and optimize each individual segment of the Direct LED backlight. So you'll enjoy a lifelike picture with incredibly deep blacks contrasted with bright whites.

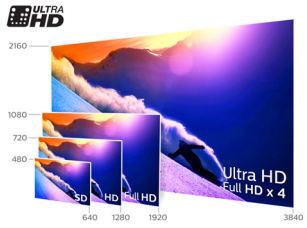
Perfect Pixel Ultra HD
Building on our award winning UHD Picture Quality heritage, we've taken High Definition Picture Quality to a whole new level. With the advanced picture processing software in our Perfect Pixel Ultra HD engine, your picture is converted into crisp 4K Ultra HD resolution. So you'll enjoy the deepest blacks, brightest whites, and the most vivid colors with natural skin tones. And all this comes to life with our most fluid, razor sharp image quality – every time, and from any source.

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.

Slim aluminum pinch stands
Every great artwork needs its own easel. And like every great artwork, your new Philips TV needs to be displayed in its rightful manner. Developed specifically for this model by our design team, these slim aluminum pinch stands are a true testament to the lightness and slim construction of this powerful TV series.

HEVC support for 4k broadcast
The new integrated HEVC standard allow you to enjoy high picture quality 4k resolution broadcast.

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.

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.

High Dynamica Range Premium
High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast and color. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Highlights with excellent brightness, richer contrast and color and vivid details like you've never seen before.

ambi light 3 · PerfectPixel ULTRA HD ENGINE · MICRO DIMMING PREMIUM · 2600 PICTURE PERFORMANCE INDEX · Google play · dts Premium Sound · HDR PREMIUM

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Specifications

Ambilight
- Ambilight Version: 3 sided
- Ambilight Features: Built in Ambilight+hue, Wall colour adaptive, Lounge mode, Game Mode, Music Mode

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 65 inch / 164 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 430 cd/m²
- Pixel engine: Perfect Pixel Ultra HD
- Picture enhancement: Perfect Natural Motion, Micro Dimming Premium, Ultra Resolution

Android
- OS: Android™ 5.1 (Lollipop)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google search, YouTube
- Memory size: 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): 30W
- Sound Features: Double ring technology
- Sound Enhancement: Clear Sound, DTS Premium Sound, Smart Sound

Connectivity
- Number of HDMI connections: 4
- Number of component in (YPbPr): 1
- Number of USBs: 3
- Wireless connections: Dual Band, Wi-Fi 11n 2x2 integrated
- Other connections: Antenna IEC75, Ethernet-LAN RJ-45, Digital audio out (optical), Audio L/R in, Audio in (DVI), Headphone out, Service connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- 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: .SMI, .SRT, .SUB, .TXT
- 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 HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Computer inputs on HDMI3/4: up to 4K UHD 3840x2160 @30Hz, up to FHD 1920x1080 @60Hz
- Video inputs on HDMI1/2: up to 4K UHD 3840x2160 @60Hz
- Video inputs on HDMI3/4: up to FHD 1920x1080 @60Hz, up to 4K UHD 3840x2160 @30Hz

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

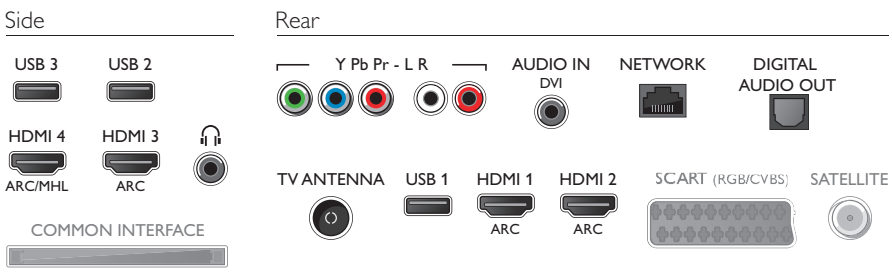
Power
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.5
- Off mode power consumption: 0.5 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

Dimensions
- Box dimensions (W x H x D): 1575 x 1011 x 250 mm
- Set dimensions (W x H x D): 1449 x 824 x 67 mm
- Set dimensions with stand (W x H x D): 1449 x 904 x 261 mm
- Product weight: 26.3 kg
- Product weight (+stand): 27.5 kg
- Weight incl. Packaging: 36.5 kg
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Remote Control, 2 x AA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure



Connections



* 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 subscripction 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.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* MultiRoom Client and Server supports only 'Free to Air' digital programs.
* Please be informed that your Netflix HDR function in your TV currently can be supported via HDMI and USB only. The Netflix HDR broadcast via your Internet/DLNA will be fully available via IP software push.

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