



Philips 6000 series  
4K Ultra Slim Smart LED  
TV with Pixel Plus Ultra  
HD

**126 cm (50")**

4K Ultra HD LED TV  
Quad Core  
DVB T/C/T2/T2-HD/S/S2



**50PUS6162**

## 4K Ultra Slim Smart LED TV

with Pixel Plus Ultra HD

Functional elegance and versatile connectivity unite. The Philips 6100 TV boasts a 4K Ultra HD picture quality for brilliant detail. And with its Smart TV connectivity, you'll enjoy effortless entertainment on demand.

### Beautiful attention to detail

- Geometric faceted central stand

### Passionate about Picture Quality

- 4K Ultra HD is unlike any resolution you've ever seen before
- Discover Ultra HD Picture Quality with Pixel Plus Ultra HD
- Experience better contrast, color & sharpness with HDR Plus

### Connect to a bigger world with this Smart TV

- Smart TV: a whole new world to explore
- Philips app gallery brings entertainment to you

### Thin TV - Big sound

- Powerful Sound Processing for uncompromised sound clarity

# PHILIPS

# Highlights

## New Central Stand

We chose a sophisticated high-gloss black finish as the foundation for our geometric faceted central stand and then paired it with an ultra slim angled neck to create a TV design that blends beautifully with any modern interior.

## 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 the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able to experience. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

## Pixel Plus Ultra HD

Experience 4K Ultra HD sharpness with the Philips Pixel Plus Ultra HD engine. It optimizes

picture quality to deliver smooth, fluid images with incredible detail and depth – Enjoy sharper 4K images with brighter whites and blacker blacks every time.

## High Dynamic Range Plus

High Dynamic Range Plus is a new video standard. It redefines in-home entertainment through advances in contrast and color. 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 colors and detail like never before.

## Smart TV

Discover a Smarter experience that lies beyond traditional TV. Rent and stream movies, videos or games from online video stores. Watch catch-up TV from your favorite channels and enjoy a growing selection of online apps with Smart TV.

## Philips TV/STA gallery

Philips app gallery is a wide-ranging collection of online apps that you can access as soon as your Smart TV is connected to the Internet. It's that easy! Just switch on your TV, connect to the Internet and experience a whole new world of entertainment online.

## Sound processing

A gust of wind, a leaf hitting the ground, the sound of tires zooming down a windy road. It is the little details that bring the picture to life. Philips Sound Processing brings these details together with uncompromised sound clarity. Hear everything as the director intended with studio-grade sound mixing that supports original audio content, and enhances sound when needed. Deep bass, clear dialogue, and amazing accuracy is just the start.

# Specifications

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Brightness: 350 cd/m<sup>2</sup>
- Picture enhancement: Pixel Plus Ultra HD, Micro Dimming, 700 PPI
- Peak Luminance ratio: 65 %

## Smart TV Features

- User Interaction: MultiRoom Client, SimplyShare, Wi-Fi Miracast Certified\*
- 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
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to Screen, Zoom, Stretch
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand

## Sound

- Output power (RMS): 20W
- Sound Enhancement: Incredible Surround, Clear Sound, Auto Volume Leveller, Smart Sound

## Connectivity

- Number of HDMI connections: 3
- Number of component in (YPbPr): 1
- Number of USBs: 2
- Wireless connections: Wi-Fi 11n 2x2 integrated, Wi-Fi Direct
- Other connections: Antenna IEC75, Satellite Connector, Ethernet-LAN RJ-45, Common Interface Plus (CI+), Digital audio out (optical), Audio L/R in, Headphone out
- HDMI features: Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, Pixel Plus link (Philips)\*, One touch play

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV,

- H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, VP9, HEVC (H.265)
- Subtitles Formats Support: .SML, .SRT, .SUB, .TXT, .AAS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG

## Supported Display Resolution

- Video inputs on HDMI2/3: up to 4K UHD 3840x 2160 @60Hz
- Computer inputs on HDMI1: up to 4K UHD 3840x 2160 @30Hz, up to FHD 1920x 1080@60Hz
- Computer inputs on HDMI2/3: up to 4K UHD 3840x 2160 @60Hz
- Video inputs on HDMI1: up to 4K UHD 3840x 2160 @30Hz, up to FHD 1920x 1080 @60Hz

## Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/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
- Standby power consumption: <0.3W
- Off mode power consumption: 0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio)
- Energy Label Class: A+
- Eu Energy Label power: 61 W
- Annual energy consumption: 90 kWh h
- Mercury content: 0 mg
- Presence of lead: Yes\*

## Dimensions

- Box dimensions (W x H x D): 1330 x 770 x 150 mm
- Set dimensions (W x H x D): 1128.4 x 653 x 83.2 mm
- Set dimensions with stand (W x H x D): 1128.4 x 715.6 x 262.8 mm
- TV stand width distance: 601.1 mm
- Product weight: 12.8 kg
- Product weight (+stand): 15.4 kg

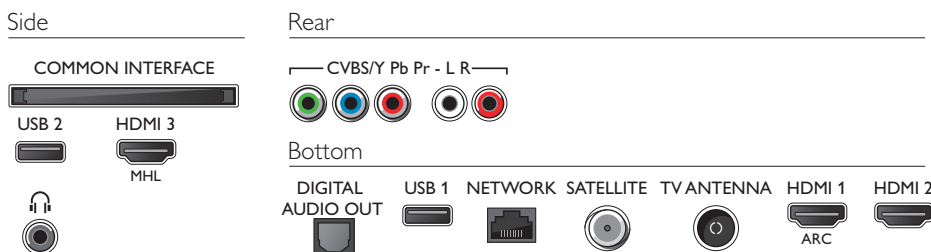
- Weight incl. Packaging: 19.24 kg
- VESA wall mount compatible: 200 x 200 mm

## Accessories

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



## Connections



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\* EPG and actual visibility (up to 8 days) is country and operator dependent.  
\* 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.  
\* 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.  
\* 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.  
\* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.  
\* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.