

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

50PUS6162/05



4K Ultra-Slim Smart LED TV

with Pixel Plus Ultra HD

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

Benefits

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, colour and 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

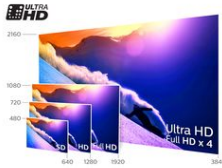
Features

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.

PHILIPS

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 optimises 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 colour. Enjoy a sensory

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.

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	126 cm
Diagonal screen size (inch)	50 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Brightness	350 cd/m ²
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 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
Firmware upgradeable	Firmware auto upgrade wizard Firmware upgradeable via USB Online firmware upgrade
Screen Format Adjustments	Advance - Shift Basic - Fill Screen Fit to Screen

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.

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 favourite channels and enjoy a growing selection of online apps with Smart TV.

Philips TV/STA gallery

The 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. The little details are what 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 are just the start.

Philips TV Remote app*	Zoom, Stretch Apps Channels Control NowOnTV TV Guide Video On Demand
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Sound

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

Connectivity

Number of HDMI connections	3
Number of components 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 Audio Return Channel Remote control pass-through System audio control System standby Pixel Plus link (Philips)* One touch play
HDMI features	EasyLink (HDMI-CEC)

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	.SMI .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 3840x2160@60 Hz
Computer inputs on HDMI1	up to 4K UHD 3840x2160@30 Hz up to FHD 1920x1080@60 Hz
Computer inputs on HDMI2/3	up to 4K UHD 3840x2160@60 Hz
Video inputs on HDMI1	up to 4K UHD 3840x2160@30 Hz up to FHD 1920x1080@60 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

Mains power	AC 220 - 240 V 50/60 Hz
Ambient temperature	5°C to 35°C
Standby power consumption	<0.3 W
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
Mercury content	0 mg
Presence of lead	Yes*

Dimensions

Box width	1330 mm
Box height	770 mm
Box depth	150 mm
Set Width	1128.4 mm
Set Height	653 mm
Set Depth	83.2 mm
Set width (with stand)	1128.4 mm
Set height (with stand)	715.6 mm
Set depth (with stand)	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 Tabletop stand
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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.

* 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.

* Compatibility depends on Wi-Fi Miracast certification and 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.



data subject to change
2018, April 27

Version: 8.1.1
EAN: 8718863013588

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