Ultra Slim 4K UHD LED Smart TV

- 126 cm (50")
- 900 Picture Performance Index
- HDR Plus
- Pixel Precise Ultra HD

50PUS6503/12

Ultra Slim 4K UHD LED Smart TV

with Pixel Precise UHD and Saphi system

Enjoy the clarity of 4K UHD in a Smart TV that's brilliantly easy to use. Pixel Precise Ultra HD ensures everything looks smooth and sharp. SAPHI gives you instant access to favourite content: Netflix film night is just a button away.

Benefits

Beautiful. Even on standby.
- Slender bezel and stand.
- Slim yet sturdy build.

See every detail
- 4K Ultra HD. Pictures so sharp you'll think you're there.
- Pixel Precise Ultra HD. Fluid images with incredible depth.

Rich colour. Sharp contrast.
- HDR Plus. Enhanced contrast, colour and sharpness.

- Micro Dimming optimises the contrast on your TV

SAPHI: intuitive app content selection
- SAPHI. The smart way to enjoy your TV
- Philips app gallery. Access YouTube, Netflix and more.

Slim TV. Clear sound.
- Deep bass and crystal-clear dialogue.

PHILIPS

Features

Sticks Stand

Our new stick stand was engineered to change the space beneath your TV where a traditional stand would normally sit, offering you a more immersive viewing experience. A TV that stands confidently with a nod to the future.

4K Ultra HD

With four times the resolution of conventional Full HD, Ultra HD lights up your screen with over 8 million pixels and our unique Ultra Resolution Upscaling technology. Experience improved images regardless of the original content, and enjoy a sharper picture with superior depth, contrast, natural motion and vivid details.

Pixel Precise Ultra HD

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

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 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.

SAPHI

SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and more.

Philips app 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.

DTS HD

DTS HD optimises sound processing by preserving the original sound content so that you can enjoy a better sound from your speakers with crystal-clear dialogue.

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 (inch)	50 inch
Diagonal screen size (metric)	126 cm
Diagonal screen size (inch)	50 inch
Panel resolution	3840 x 2160
Aspect ratio	16:9
Picture enhancement	Micro Dimming
	Pixel Precise Ultra HD
	Ultra Resolution
	900 PPI

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 upgrade-able	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

Processing

Processing Power	Quad Core

Sound

Output power (RMS)	20 W
Sound Enhancement	Incredible Surround
	Clear Sound
	Auto Volume Leveller
	Smart Sound
Speaker configuration	2 x 10 W full-range speaker

Connectivity

Number of HDMI connections	3

data subject to change
2018, December 5

Number of components in (YPbPr)	1	TV Programme guide*	8-day Electronic Programme Guide
Number of USBs	2	Signal strength indication	Yes
Wireless connections	Wi-Fi 802.11n 2 x 2 integrated Dual Band	Teletext	1000-page Hypertext
Other connections	Antenna IEC75 Satellite Connector Ethernet-LAN RJ-45 Common Interface Plus (CI+) Digital audio out (optical) Audio L/R in Headphone out		

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	74 W
Annual energy consumption	109 kW·h
Mercury content	0 mg
Presence of lead	Yes*

HDMI features	Audio Return Channel 4K
EasyLink (HDMI-CEC)	Remote control pass-through System audio control System standby One touch play
HDCP 2.2	Yes on all HDMI
Number of CVBS	1

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

Dimensions

Box width	1240 mm
Box height	800 mm
Box depth	160 mm
Set Width	1128.4 mm
Set Height	663 mm
Set Depth	83.2 mm
Set width (with stand)	1128.4 mm
Set height (with stand)	675.6 mm
Set depth (with stand)	241.4 mm
TV stand width distance	768.0 mm
Product weight	12.8 kg
Product weight (+stand)	13.1 kg
Weight incl. Packaging	16.1 kg
VESA wall mount compatible	200 x 200 mm

Supported Display Resolution

Computer inputs on HDMI1	up to 4K UHD 3840x2160@30 Hz
Computer inputs on HDMI2/3	up to 4K UHD 3840x2160@60 Hz
Video inputs on HDMI1	up to 4K UHD 3840x2160@30 Hz
Video inputs on HDMI2/3	up to 4K UHD 3840x2160@60 Hz

Colour & Finish

TV Front	Black High Gloss

Accessories

Included accessories	Remote Control 2 x AAA Batteries Power cord Quick start guide Legal and safety brochure Tabletop stand

Tuner/Reception/Transmission

Digital TV	DVB-T/T2/T2-HD/C/S/S2
HEVC support	Yes
MPEG support	MPEG2 MPEG4
Video Playback	NTSC PAL SECAM

* 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.