Philips 6500 series
Ultra Slim 4K UHD LED Smart TV

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

50PUS6503

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.

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

Rich colour. Sharp contrast.
- HDR Plus. Enhanced contrast, colour and sharpness.
- Micro Dimming optimises the contrast on your TV

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

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

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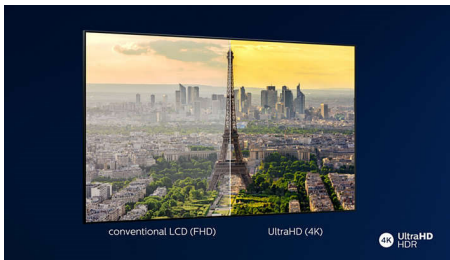
PHILIPS

Highlights

Slender Bezel
Slender bezel and stand.

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
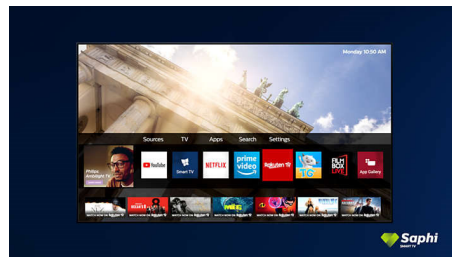
exceptional contrast. Discover deeper blacks, whiter whites, vivid colours and natural skin tones — every time, and from any source.

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.

Micro Dimming

Thanks to our special software that analyses the picture in 6400 different zones and adjusts it accordingly, you'll enjoy incredible contrast and image quality for a truly lifelike visual experience.

Specifications

Picture/Display
- Aspect ratio: 16:9
- Diagonal screen size (inch): 50 inch
- Diagonal screen size (metric): 126 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Picture enhancement: Micro Dimming, Pixel Precise Ultra HD, Ultra Resolution, 900 PPI

Supported Display Resolution
- Video inputs on HDMI1: up to 4K UHD 3840x2160@60 Hz
- Computer inputs on HDMI1: up to 4K UHD 3840x2160@60 Hz
- Computer inputs on HDMI2/3: up to 4K UHD 3840x2160@60 Hz, HDR supported, HDR10/HLG
- Video inputs on HDMI2/3: up to 4K UHD 3840x2160@60 Hz, HDR supported, HDR10/HLG

Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Smart TV Features
- User Interaction: SimplyShare, Wi-Fi Miracast certified*
- Interactive TV: HbbTV
- Programme: 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

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

Processing
- Processing Power: Quad Core

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

Connectivity
- Number of HDMI connections: 3
- HDMI features: Audio Return Channel, 4K
- Number of components in (YPbPr): 1
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Number of CVBS: 1
- Wireless connection: Wi-Fi 802.11n 2 x 2 integrated, Dual Band
- Other connections: Antenna IEC75, Satellite Connector, Ethernet-LAN RJ-45, Common Interface Plus (CI+), Digital audio out (optical), Audio L/R in, Headphone out
- HDCP 2.2: Yes on all HDMI

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Energy Label Class: A
- EU Energy Label power: 74 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio)
- Off mode power consumption: N/A
- Annual energy consumption: 109 kW·h
- Presence of lead: Yes*
- Mercury content: 0 mg

Accessories
- Included accessories: Remote Control, 2 x AAA

Batteries, Power cord, Quick start guide, Legal and safety brochure, Tabletop stand
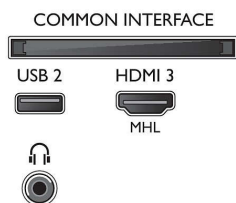
Colour & Finish
- TV Front: Black High Gloss

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

Connections

Side

COMMON INTERFACE

USB 2   HDMI 3
MHL

Rear

CVBS/Y Pb Pr - L R

Bottom

DIGITAL AUDIO OUT   USB 1   NETWORK   SATELLITE   TV ANTENNA   HDMI 1 ARC   HDMI 2

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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 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.