Philips 7600 series
4K UHD LED Smart TV

126 cm (50")
DOLBY VISION and DOLBY ATMOS
Major HDR formats supported
P5 Perfect Picture Engine

50PUD7625

Big on looks. Solid on sound.

4K HDR Smart LED TV

Lose yourself in the moment. This Philips HDR TV delivers superb picture quality plus premium Dolby Atmos sound. HDR streaming series, games and sports look truly great. The SAPHI dashboard gives you quick access to the content you love.

Smooth motion. Real color. Incredible depth.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.
- HDR10+ supported. See more of what the director intended.
- Philips P5 Engine. Whatever the source, always perfection.

SAPHI. The smart way to enjoy your TV.
- Philips TV Collection. Netflix,YouTube Prime Video, & more
- One-button access to apps including Netflix and YouTube.

Big screen. Looks spectacular.
- 4K UHD Smart LED TV. Rich color, beautiful detail.
- Borderless metal bezel frame. Matte black blade stands

Crisp sound. Hear every word.
- Clear audio from down-firing speakers.
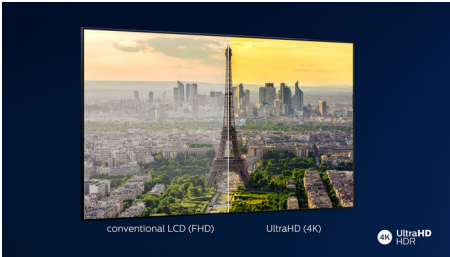- Bluetooth Dual-way Streaming for seamless connectivity

PHILIPS

4K UHD LED Smart TV
126 cm (50") DOLBY VISION and DOLBY ATMOS, Major HDR formats supported, P5 Perfect Picture
Engine

Highlights

HDR10+ supported

Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, color, and brightness levels are adjusted from frame to frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colors will be truer.
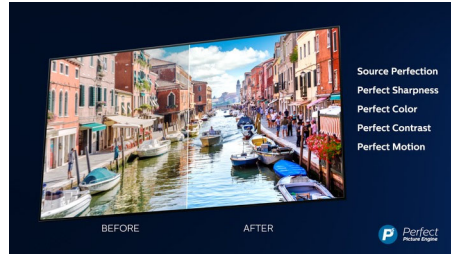
4K UHD TV

4K UHD Smart LED TV. Rich color, beautiful detail.A Philips 4K UHD TV brings content to life with rich colors and crisp contrast. Images have more depth, and motion is smooth. Movies, shows, games, and more look great no matter the source.

P5 Perfect Picture Engine

The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

SAPHI Smart TV

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 Amazon Prime Video.

Specifications

Picture/Display
- Display: 4K Ultra HD LED
- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Pixel engine: P5 Perfect Picture Engine
- Picture enhancement: Ultra Resolution, HDR10+, Dolby Vision, HLG (Hybrid Log Gamma)

Smart TV Features
- User Interaction: SimplyShare, Screen mirroring
- SmartTV apps*: Online video stores, Open internet browser, TV on demand, Youtube, Netflix TV
- Ease of Installation: Auto detect Philips devices, 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: Wide screen, Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveler, Bass Enhancement, 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode
- Speaker configuration: 2x10W full range speaker

Connectivity
- Number of HDMI connections: 3
- Number of USBs: 2
- Wireless connection: Bluetooth 4.2, Wi-Fi 802.11n, 2x2,Single band
- Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Bluetooth works with headphone, Bluetooth works with soundbar
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- SPDIF digital sound output: 1 (Optical)
- HDCP 2.3: Yes on all HDMI

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, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Supported Display Resolution
- Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840x2160@60Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Tuner/Reception/Transmission
- Digital TV: ISDB-T
- MPEG Support: MPEG2, MPEG4
- Video Playback: PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- HEVC support

Power
- Mains power: AC 110 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.5W
- Off mode power consumption: N/A
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Annual energy consumption: 168 kW·h
- Presence of lead: Yes*
- Mercury content: 0 mg

Dimensions
- Box dimensions (W x H x D): 1240 x 680 x 160 mm
- Set dimensions (W x H x D): 1113.4 x 647.4 x 87.2 mm
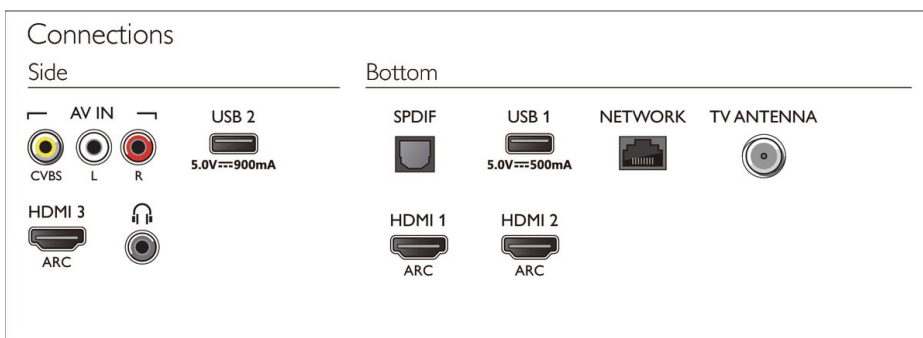- Set dimensions with stand (W x H x D): 1113.4 x 717.4 x 319.8 mm
- Product weight: 11.34 kg
- Product weight (+stand): 11.63 kg
- Weight incl. Packaging: 15.6 kg
- Wall mount compatible: 200 x 200 mm
- Stand dimensions (W x H x D): 966.9 x 70 x 275.4 mm

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

Design
- Colors of TV: Plastic glossy black bezel
- Stand design: Matte blade stand

Connections

Side

AV IN
CVBS L R

USB 2
5.0V⎓900mA

HDMI 3
ARC

🎧

Bottom

SPDIF

USB 1
5.0V⎓500mA

NETWORK

TV ANTENNA

HDMI 1
ARC

HDMI 2
ARC

* EPG and actual visibility (up to 8 days) is country and operator dependent.
* 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 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.
* 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.
* 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.