

Full HD Slim LED TV powered by Android™ with Ambilight 3-sided and Perfect Pixel HD

- 126 cm (50")
- Full HD LED TV
- Dual Core; 8 GB and expandable
- DVB-T/T2/C

50PFT6550/12

Full HD Slim LED TV powered by Android

With Ambilight 3-sided

More than just good looking: the 6500 series FHD TV with the power of Android. We start with the Perfect Pixel HD engine for brilliant images; then add Ambilight, modern design and real materials to take your experience to the next level.

Benefits

Beautiful attention to detail

- Angled Central stand is a play on geometry
- Modern design complements today's interior
- Ambilight changes the way you look at TV forever

Passionate about Picture Quality

- Micro Dimming Pro for incredible contrast
- Perfect Pixel HD—our award winning Picture Quality engine
- Perfect Natural Motion for fluid, razor sharp moving images

With Android, your TV can do it all

- Dual Core processing and Android OS for strong performance
- Android: for a faster, richer, more personal TV experience
- Keyboard remote control makes texting easy

Features

Angled Central stand

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

Modern contemporary design

Designed with a contemporary look to blend with your décor. Because your TV should look as beautiful off as it does on.

ambi ligh

1080p FullHD

PHILIPS

Ambilight 3-sided



You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from three-sides of your TV screen onto the surrounding walls. Colour, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

Micro Dimming Pro



Micro Dimming Pro optimises the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyse the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience-day or night.

Perfect Pixel HD

Building on our award-winning heritage, we've elevated High Definition Picture Quality to a whole new level. Philips Perfect Pixel HD Engine delivers a fluid image that's razor sharp. From richer more vibrant colours with natural skin tones, to deeper blacks and brighter whites, every detail is a feast for your eyes.

Dual Core + Android



With Android on your TV, you'll navigate, launch apps and play videos in a way that is super fast, super intuitive and super fun. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

Android

With Android on your Smart TV you'll enjoy a fast processor and user-friendly interface. It's your launch control to endless content: from Google Play™ to Netflix, to an Internet Browser… and so much more. There's an easy-to-navigate menu with direct links to your favourites.

Remote Control with Keyboard



Take control. Our totally intuitive remote control has all the usual perks like cursor keys, volume control and shortcut buttons. Flip the remote over to access a full keyboard for easy text entry in any situation.

Perfect natural motion



You love watching movies, but demand the best image possible. Perfect Natural Motion is our award-winning motion enhancement technology that resolves judder, providing you with the ultimate smooth moving image. Films are recorded at a frame rate of 24 frames per second. PNM quadruples the number of frames to 100 motion changes per second. This resolves judder, so you'll enjoy fluid motion with razor sharpness.

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.

Ambilight

Ambilight Version	3 sided
Ambilight Features	Wall colour adaptive Lounge mode Game Mode Ambilight+hue

Picture/Display

3D	2 Player Full Screen Gaming* 2D to 3D conversion Active 3D Auto 3D detection
Display	LED Full HD
Diagonal screen size (metric)	126 cm
Diagonal screen size (inch)	50 inch
Panel resolution	1920 x 1080p
Aspect ratio	16:9
Brightness	350 cd/m²
Pixel engine	Perfect Pixel HD
Picture enhancement	800 Hz Perfect Motion Rate Micro Dimming Pro Super Resolution Perfect Natural Motion

Android

OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies* Google Play Music*

	Google Search (search through Philips App)
	Voice Search
	YouTube
	Netflix*
Memory size	8 GB
	extendable via USB storage

Smart TV Features

User Interaction	MultiRoom Client and Server
	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
Ease of Use	One-stop Smart Menu button
	On-screen User manual
Firmware upgrade-able	Firmware auto upgrade wizard
	Firmware upgradeable via USB
	Online firmware upgrade
Screen Format Adjustments	Basic - Fill Screen
	Fit to Screen
	Advance - Shift
	Zoom, Stretch
Philips TV Remote app*	Apps
	Channels
	Control
	NowOnTV
	TV Guide
	Video On Demand
Remote Control	with Keyboard

Sound

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

Connectivity

Number of HDMI connections	4
Number of scarts (RGB/CVBS)	1
Number of USBs	3
Wireless connections	Dual Band
	Wi-Fi Direct
	Wi-Fi 802.11n 2 x 2 integrated
Other connections	Antenna IEC75
	Common Interface Plus (CI+)
	Ethernet-LAN RJ-45
	Digital audio out (optical)
	Audio L/R in
	Audio in (DVI)
	Headphone out
	Service connector
	Satellite Connector
HDMI features	Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through
	System audio control
	System standby
	One touch play

Multimedia Applications

Video Playback Formats	Containers: AVI, MKV
	H264/MPEG-4 AVC
	MPEG-1
	MPEG-2
	MPEG-4
	WMV9/VC1
	HEVC
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
	JPS
	PNG
	PNS
	BMS
	MPO

Supported Display Resolution

Computer inputs on all HDMI	up to FHD 1920 x 1080 @60 Hz
	@60 Hz
Video inputs on all HDMI	up to FHD 1920 x 1080p
	@ 24, 25, 30, 50, 60 Hz

Tuner/Reception/Transmission

Digital TV	DVB-T/T2/C
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
EU Energy Label power	56 W
Annual energy consumption	82 kW·h
Energy Label Class	A+
Standby power consumption	< 0.5 W
Off mode power consumption	< 0.3 W
Power Saving Features	Auto switch-off timer
	Light sensor
	Picture mute (for radio)

Dimensions

Box depth	131 mm
Box height	798 mm
Box width	1390 mm
Set Depth	77 mm
Set Height	647 mm
Set Width	1124 mm
Set depth (with stand)	264 mm
Set height (with stand)	709 mm
Set width (with stand)	1124 mm
Product weight	13.3 kg
Product weight (+stand)	17.2 kg
Weight incl. Packaging	21.3 kg
VESA wall mount compatible	400 x 200 mm

Accessories

Included accessories	Remote Control 2 x AAA Batteries Tabletop stand Power cord Quick start guide Legal and safety brochure
Optional accessories	3D glasses PTA529 Active glasses PTA509

* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age as their visual system is not fully developed yet.
* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
* Android App offerings vary per country. For more details please visit your local Google Play Store.
* 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.
* Cloud Gaming offering depends on game providers.
* 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.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details, please visit the Google Cast product page.
* 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.

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