



## Philips

4000 series LED-LCD TV

- 28" class/po

[28PFL4609/F7](#)

# Smart TV

Performance and connectivity at a great value

Wireless connectivity and 120 PMR performance in this LED LCD TV. Entertainment with NetFlix, YouTube, Vudu, Pandora, Facebook, and more. Connect wirelessly to explore unlimited internet access on your TV with WirelessConnect

## Benefits

### [Enlarge your viewing experience](#)

- High Definition Resolution
- Brilliant LED images with low power consumption
- 120 Hz PMR for the ultimate in motion sharpness
- Enjoy rich sound and clear dialog with DTS TruSurround

### [Enjoy the online world of connectivity](#)

- Interact and play over a dozen games online with Tag Gaming
- One button access to wireless NetTV services on your TV

- Connect a PC or MAC to a TV wirelessly with WirelessConnect

### [Complete digital connectivity made simple](#)

- Direct remote access to Netflix and Vudu movie services
- Smart Cloud for automatic updates to content
- Customizable remote for direct access to apps
- Built-in Wireless gives you everything you need

# PHILIPS

## Features

### LED with low power consumption



LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as being the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

### Online games with Tag Gaming

### Wireless NetTV services

Experience a rich selection of online services with Net TV wirelessly. Enjoy movies, pictures, infotainment and other online content directly on your TV whenever you like. Wirelessly navigate and select what you want to watch with the TV remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen.

### Direct remote Netflix and Vudu

To speed up the process, and make it more user-friendly, there are Netflix and VUDU shortcut buttons on remote control that allow you to do the basic commands necessary both for watching your video and for controlling the general interface.

### Smart Cloud

Smart Cloud for automatic and effortless access and updates to content on your TV. Get the latest updates on weather and news, as well as current updates on Facebook. Always ensure that your TV is operating on the latest performance firmware. Interact and play games remotely with people around the world with the Tag Gaming package.

### User programmable remote

Assign hot keys on the remote for fast and easy access to your favorite apps from the NetTV menu

### WirelessConnect

Watch and surf anything and everything on the web wirelessly from your MAC or PC to your TV with WirelessConnect. Imagine the ability to have unlimited access to every web destination like shopping, email, videos, social networking, as well as your favorite TV shows and sporting events. With WirelessConnect your laptop screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.

### 120 Hz PMR



120 Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the HDTV to produce faster picture transitions and reduces motion artifacts.

### DTS TruSurround



DTS TruSurround creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog. Extremely broad sweet spot for maximum realism and enjoyment, sculpted bass to optimize low frequency performance of small drivers and enclosures, dialog enhancement to ensure clear and intelligible vocals and definition control for maximum high-frequency realism and clarity.

## 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

Aspect ratio	Widescreen(16:9)
Brightness	250 cd/m <sup>2</sup>
Contrast ratio	1200:1
(typical)	
Response time	8 ms
(typical)	
Viewing angle	178° (H) / 178° (V)
Diagonal screen size	28 inch
(inch)	
Diagonal screen size	71.12 cm
(metric)	
Visible screen diagonal	27.5 inch
(inch)	
Display screen type	LED WXGA Display
Panel resolution	1366 x 768p
Picture enhancement	Pixel Plus HD 3/2 - 2/2 motion pull down 3D Combfiter Black stretch Digital Noise Reduction Progressive scan MPEG artifact reduction

	1280 x 768, 60Hz
	1280 x 1024, 60Hz
	1360 x 768, 60Hz
	1440 x 900, 60 Hz
	1920 x 1080, 60Hz
	1680 x 1050, 60Hz
	1400 x 1050, 60Hz
Video formats	480i, 60Hz
	480p, 60Hz
	720p, 60Hz
	1080i, 60Hz
	1080p, 24,30,60Hz

### Sound

Equalizer	5-bands
Output power (RMS)	2 x 8W
Sound System	Dolby Digital (AC-3) Stereo SAP DTS TruSurround™

### Loudspeakers

Built-in speakers	2
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### Convenience

Child Protection	Child Lock+Parental Control
Clock	Sleep Timer
Ease of Installation	Autostore

### Supported Display Resolution

Computer formats	640 x 480, 60Hz
	720 x 480, 60Hz
	800 x 600, 60Hz
	1024 x 768, 60Hz

Ease of Use	Auto Volume Leveller (AVL) AutoPicture AutoSound Settings assistant Wizard
Remote Control	TV
Screen Format	4:3
Adjustments	Auto Format Movie expand 14:9 Movie expand 16:9 Super Zoom Widescreen unscaled (1080p dot by dot) Normal Full
Multimedia	auto slideshow USB media browser

#### Multimedia Applications

Multimedia connections	USB memory class device
Playback Formats	MP3 JPEG Still pictures MPEG1 MPEG2 H.264/MPEG-4 AVC MPEG 4 SP/ASP

#### Tuner/Reception/Transmission

Aerial Input	75 ohm F-type
TV system	ATSC NTSC
Video Playback	NTSC
Tuner bands	UHF VHF

#### Connectivity

AV 1	Shared audio L/R in CVBS/YPbPr Coaxial (cinch)
Audio Output - Digital	
Other connections	Ethernet Headphone out PC-In VGA Wi-Fi(built-in)
USB	USB
HDMI 1	HDMI
HDMI 2	Shared audio L/R in HDMI
HDMI 3	Shared audio L/R in HDMI
EasyLink (HDMI-CEC)	Shared audio L/R in One touch play Power status System info (menu language) Remote control pass-through System audio control System standby

#### Power

Ambient temperature	5°C to 40°C (41°F to 104°F)
Mains power	120V/60Hz
Power consumption	45 W
Standby power consumption	< 0.5 W

#### Dimensions

Set Height (inch)	15.7 inch
Set Width (inch)	25.2 inch
Set Depth (inch)	3.9 inch
Product weight (lb)	9.71 lb
Set height (with stand) (inch)	17.4 inch
Set width (with stand) (inch)	25.2 inch
Set depth (with stand) (inch)	7.4 inch
Product weight (+stand) (lb)	11.47 lb
Box height (inch)	18.8 inch
Box width (inch)	29.2 inch
Box depth (inch)	6.4 inch
Weight incl. Packaging (lb)	13.67 lb
VESA wall mount compatible	100 x 100 mm

#### Accessories

Included accessories	Table top stand Quick start guide User Manual Remote Control Batteries for remote control
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#### Network Services

NetTV Apps	CloudTV Netflix Pandora Portico Vudu YouTube
Network Features	DLNA Multimedia Browser WirelessConnect



data subject to change  
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