Smart TV

Performance and connectivity at a great value

featuring wireless connectivity with Netflix, Vudu, along with Hotlist media portal.

Enlarge your viewing experience
- Brilliant LED images with low power consumption
- 1080p High Definition Resolution for ultra-sharp images
- 120 Perfect Motion Rate for increased pixel response times

Authentic and clear sound experience.
- 16 Watts of clear balanced 3D surround sound
- Immersive sound with clear voice designed by sonic emotion

Enjoy the online world of connectivity
- One button access to wireless NetTV services on your TV
- Introducing Hotlist portals for streaming channels
- Instant access to Netflix and via the remote

Complete digital connectivity made simple
- Play H.264, AAC, MP3, JPEG and more formats on USB
- A lean-back big screen YouTube experience

PHILIPS

Highlights

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.

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.

Full HD 1080p display

Blu-ray Discs have the capacity to carry high definition data, along with pictures in the 1920 x 1080 resolution that defines full high definition images. This can only mean you get the best possible TV picture quality available today - so prepare to feast your eyes.

120 Perfect Motion Rate

120 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.

sonic emotion

Immersive sound with clear voice designed by sonic emotion. Absolute3D sound fills your surroundings with the right ambience, clarifies voice, and details the sound stage, making your experience more immersive and enjoyable.

USB Multimedia

The USB connector allows access to H.264, AAC, MP3, JPEG and more formats files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

Specifications

Picture/Display
- Display screen type: LED Full HD Display
- Panel resolution: 1920x1080p
- Aspect ratio: Widescreen(16:9)
- Response time (typical): 8 ms
- Contrast ratio (typical): 5000:1
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 40 inch / 101.6 cm
- Visible screen diagonal (inch): 40.0 inch
- Picture enhancement: Pixel Plus HD, Digital Noise Reduction, Progressive scan, Black stretch, MPEG artifact reduction, 120 PMR, Dynamic contrast, Gamma, Light sensor

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1280 x 1024	60Hz
1400 x 1050	60Hz
1440 x 900	60 Hz
1680 x 1050	60Hz
1920 x 1080	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24,30,60Hz

Sound
- Equalizer: 5-bands
- Output power (RMS): 2 x 8W
- Sound System: Stereo, SAP, Dolby Digital Plus, Sonic Emotion Premium

Loudspeakers
- Built-in speakers: 2

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

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

Multimedia Applications
- Multimedia connections: USB memory class device
- Playback Formats: JPEG Still pictures, MP3, H.264/ MPEG-4 AVC, MPEG 4 SP/ASP, MPEG1, MPEG2, AAC, H.265/HEVC, WAVE

Network Services
- NetTV Apps: Netflix, YouTube
- Network Features: Home Network

Tuner/Reception/Transmission
- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

Connectivity
- AV 1: CVBS/YPbPr, Shared audio L/R in
- HDMI 1: HDMI, Shared audio L/R in
- HDMI 2: HDMI, Shared audio L/R in
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System audio control, System standby, Remote control pass-through
- Audio Output - Digital: Optical (TOSLINK)
- Other connections: Ethernet, Headphone out, Wireless LAN 802.11n
- USB: USB

Power
- Mains power: 120V, 50/60Hz
- Power consumption: 79 W
- Standby power consumption: < 0.5 W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

Dimensions
- Set dimensions in inch (W x H x D): 36 x 21.3 x 4 inch
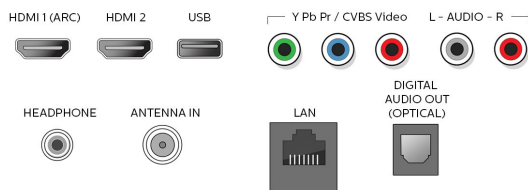- Product weight (lb): 17.53 lb lb

- Set dimensions with stand in inch (W x H x D): 36 x 22.9 x 8.7 inch
- Product weight (+stand) (lb): 17.84 lb
- Box dimensions in inch (W x H x D): 38.8 x 25 x 6 inch
- Weight incl. Packaging (lb): 22.47 lb
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, Batteries for remote control, Screws

Connections

Rear

HDMI 1 (ARC)   HDMI 2   USB   Y Pb Pr / CVBS Video   L – AUDIO – R

HEADPHONE   ANTENNA IN   LAN   DIGITAL AUDIO OUT (OPTICAL)

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