



Philips
LED monitor with Digital
TV tuner

T-line
21.5" (54.6 cm)

221TE2LB



Experience great TV viewing on your LED monitor

Experience great TV programmes with your LED TV monitor. Combined with HDMI input, stereo audio and modern touch controls, the 221TE2L is ready to entertain you!

Best picture quality

- Full HD LCD display, with a 1920 x 1080p resolution
- LED technology ensures natural colours
- SmartContrast 20,000,000:1 for incredible rich black details

Great convenience

- Built-in TV tuner for viewing TV programmes on your PC monitor
- Modern Touch controls
- Dual input accepts both analogue VGA and digital HDMI signals
- SmartImage: Optimised user-friendly display experience
- SmartSound selects a perfect mode for audio performance

Experience true multimedia

- HDMI-ready for top quality, multimedia experience
- Incredible Surround for enhanced audio enjoyment
- MPEG4 HDTV reception via DVBT tuner

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Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

Built-in TV tuner

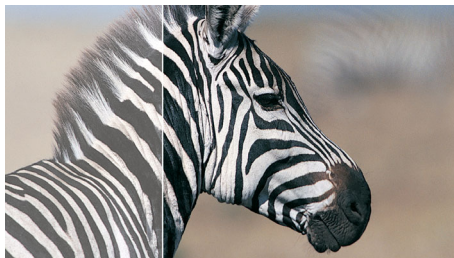
A television tuner built into a monitor to display television signals as well as computer data.

Full HD LCD display 1920 x 1080p



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips

advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

Incredible Surround



Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

HDMI Ready



HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources

221TE2LB/00

(including set-top boxes, DVD players, A/V receivers and video cameras).

Touch controls



Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

MPEG4 HDTV

HDTV allows you to watch High Definition TV in the best picture and sound quality without an additional set-top box. With the built in DVBT tuner that can handle state-of-the-art MPEG-4 formats, you can now receive and watch High Definition TV programmes and other rich multimedia content in Digital Quality

Dual input

Dual input accepts both analogue VGA and digital HDMI signals

SmartSound

SmartSound allows you to select various modes like Movie, Games, Music etc., thereby automatically activating predefined frequencies to enhance the sound related to the function



Specifications

Picture/Display

- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Diagonal screen size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9, Widescreen
- Panel resolution: 1920 x 1080
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Viewing angle: 170° (H)/160° (V), @ C/R > 5

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1366 x 768	60 Hz

Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz

Sound

- Output Power: 2 x 3 W
- Sound Enhancement: Incredible Surround, Smart Sound
- Sound System: Mono, Stereo, Nicam Stereo

Convenience

- Ease of Installation: Plug and Play
- Ease of Use: On-Screen Display, Programme List, Side Control
- Remote control type: 221TE2 Remote control
- On-Screen Display languages: English, German, French, Italian, Spanish, Portuguese, Dutch, Bulgarian, Danish, Finnish, Swedish, Norwegian, Polish, Russian, Czech, Croatian, Hungarian, Romanian, Slovak, Slovenian, Serbian, Turkish, Greek, Gaelic, Ukraine
- Other convenience: VESA mount (75 x 75 mm)
- Screen Format Adjustments: Widescreen, Super

Zoom, Zoom 1, Zoom 2, 4:3

- SmartImage: Eco, Movie, Personal, Standard, Vivid
- SmartSound: Music, Speech, Personal
- Teletext: 1000-page Smart Text

Stand

- Tilt: -3/+12 degree

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K
- Video Playback: NTSC, PAL
- Tuner Display: PLL

Connectivity

- Ext 1: SCART in
- Ext 2: YPbPr in, Audio L/R in
- Ext 3: Audio L/R in, AV in
- Other connections: PC-In VGA, PC Audio in, HDMI, S/PDIF out (coaxial), S-Video in
- Other connections (@ side): Common interface, Headphone out, Service

Power

- On mode: 25 W (typ.)
- Off mode: 0.2 W (typ.)
- Standby mode: 0.5 W (typ.)
- Ambient temperature: 0 °C to 40 °C
- Mains power: 100-240 V, 50/60 Hz

Dimensions

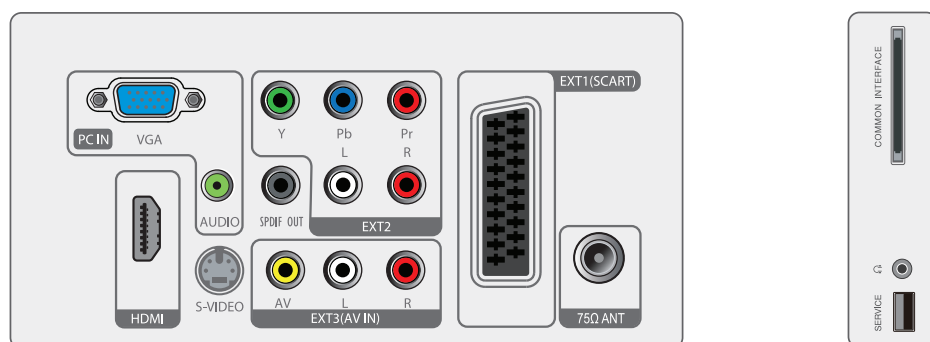
- Packaging in mm (W x H x D): 570 x 459 x 118 mm
- Product with stand (mm): 519 x 404 x 176 mm
- Product without stand (mm): 519 x 404 x 47 mm

Weight

- Product with packaging (kg): 6.0 kg
- Product with stand (kg): 4.6 kg
- Product without stand (kg): 4.0 kg

Accessories

- Included accessories: Tabletop stand, Quick start guide, User Manual, Remote Control, VGA cable, Audio Cable, Power cord



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