



Philips Brilliance  
LCD monitor

Notebook docking display  
23" (58.4 cm)

## Simplicity with notebook docking display

expand view with single cable

This innovative notebook docking display with multimedia enables easy port replication. Now you can expand your viewing workspace, keep your peripherals connected, and access internet. All with a single SuperSpeed USB cable.



231P4UPEB

### Simplicity makes sense

- Connect with Internet, Intranet with built in ethernet port
- Single USB 3.0 cable docks your notebook to the display
- Access all peripherals and keyboard, mouse from the hub
- Transmit video and audio from the notebook with single cable
- True plug and play for hassle free dual display setup

### Sustainable Eco-friendly solution

- PowerSensor saves up to 80% energy costs
- PVC-BFR free housing

### Ergonomic design

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables people-friendly ergonomic adjustments

**PHILIPS**

LCD monitor  
Notebook docking display 23" (58.4 cm)

231P4UPEB/75

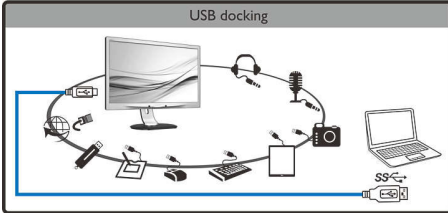
# Highlights

## Expand view with single cable



This innovative large Philips display enables easy port replication for any notebook. Especially suitable for latest Ultra book type devices with limited connectors, this display with built-in USB 3.0 hub, Ethernet, and stereo speakers enables you to transmit video, audio, and connect to internet or intranet directly with a single cable USB connection. By this advanced USB 3.0 or USB 2.0 plug and play connection, you can now expand your desktop using both your NBPC and Philips display's real-estate without having to worry about cumbersome resolution adjustments or mess around with cables.

## USB hub for peripherals



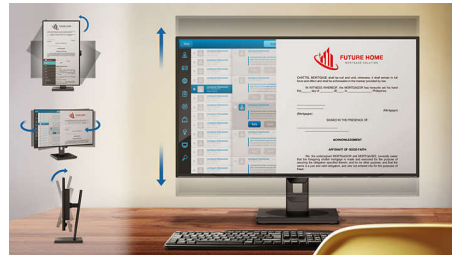
You can now connect optional full sized Keyboard and mouse to this innovative Philips display's USB hub to improve your productivity. Simply connect your Notebook to this display with a single USB cable, and you are ready to utilize the attached additional peripherals like external HDD, camera, USB drive along with Full HD video, Audio, and Internet functions. Should you prefer, you can

of course still utilize your NBPC's keyboard and track pad as usual.

## Connect by built in ethernet

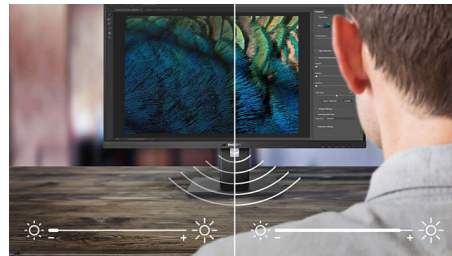
Connect with Internet, Intranet with built in ethernet port

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

## PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting

energy costs by up to 80 percent and prolonging monitor life

## Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

## PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

## Transmit from single cable

Transmit video and audio from the notebook with single cable

## True plug and play

True plug and play for hassle free dual display setup



# Specifications

## Connectivity

- Signal Input: VGA (Analog)
- Sync Input: Separate Sync (VGA only), Sync on Green (VGA only)
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 23 inch / 58.4 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.265 x 0.265 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 509.18 x 286.41 mm
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## USB Connectivity

- Audio In/Out: through USB
- Headphone out: through USB
- Microphone in: through USB
- RJ45: through USB, 1Gbps
- Signal Input: USB 3.0 upstream
- USB: USB 2.0 x 1, USB 3.0 x 2

## Convenience

- Built-in Speakers: 1.5Wx2
- Plug & Play Compatibility: DDC/CI (VGA only), Mac OS X, sRGB, Windows 8/7/Vista/XP
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Brazil Portuguese, Czech, Dutch, Finnish, Greek, Hungarian, Japanese, Korean, Polish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl Premium(VGA only), DisplayLink Graphics Software

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 15.3 W (typ.)
- Power supply: 100-240VAC, 50-60Hz, Built-in
- Off mode: Zero watts with Zero switch
- On mode: 26.2 W (typ.)
- Standby mode: 0.1 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 600 x 400 x 263 mm
- Product without stand (mm): 547 x 343 x 60 mm
- Product with stand(max height): 547 x 515 x 220 mm

## Weight

- Product with packaging (kg): 7.60 kg
- Product with stand (kg): 5.30 kg
- Product without stand (kg): 3.10 kg

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: PowerSensor, TCO Certified Edge, RoHS
- Post consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

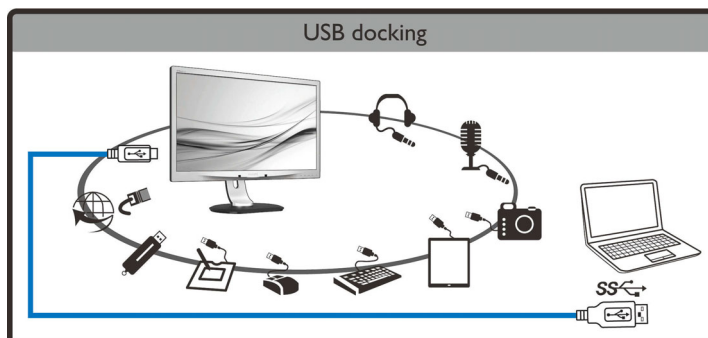
## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TUV Ergo, TUV/ GS, UL/cUL, WEEE

## Cabinet

- Finish: Texture

- Foot: Black
- Front bezel: Black
- Rear cover: Black



Issue date 2024-03-23

Version: 3.0.1

EAN: 87 12581 67698 8

© 2024 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)

\* We recommend to use USB 3.0 connection between your Notebook PC and the Philips display to ensure smooth images, video and audio.

\* Activities such as screen sharing, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine overall audio and video quality.

\* The notebook, keyboard, mouse as shown are for illustration purpose only, not included in the product.