

Philips Business Monitor  
Dual screen display

5000 series

24B1D5600



## Eye comfort, multi-tasking made easy

Vivid CrystalClear QHD and easy-to-read ePaper screens combine with versatile connectivity to enhance productivity. Philips award-winning design brings both functionality and ergonomics that are best for eye comfort and ultimate usability.

### **ePaper display: Read in comfort for long periods**

- On-screen menu for setting viewing mode preferences
- Paper-like experience for ultimate reading comfort
- Features like anti-glare to ensure eye strain reduction

### **Greener everyday**

- Low power consumption saves energy bills
- Environmentally sustainable and user-friendly packaging

### **Features designed for you**

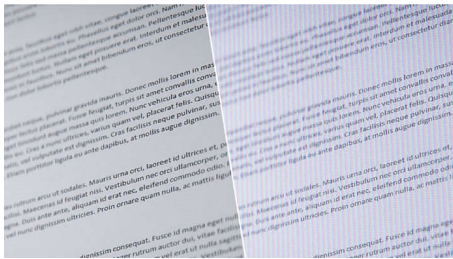
- Tilt, swivel and height-adjust for an ideal viewing position
- LCD and ePaper dual screen design enhances multi-tasking
- SmartRemote menu allows easy control to view your content

# PHILIPS

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# Highlights

## Electronic paper display



The Philips ePaper display protects your eyes and the environment. With E Ink technology, content displays like paper without emitting a harsh backlight. Work longer without eye fatigue or headaches caused by conventional flickering, backlit LCD monitors. The features of anti-glare, no flickering and no blue light help avoid eye strain. Ultra-low power consumption and paperless display are designed to meet suitability goals.

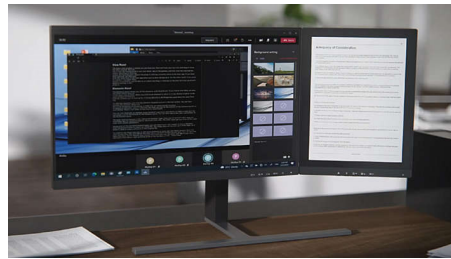
## Reduce eye strain

Features like anti-glare to ensure eye strain reduction

## On-screen menu

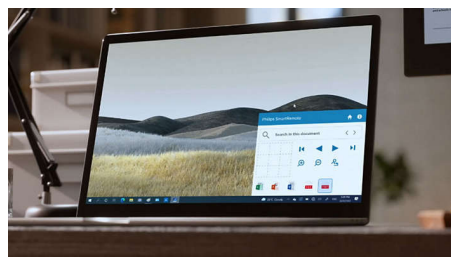
On-screen menu for setting viewing mode preferences

## Dual screen display



This Philips dual screen monitor combines a CrystalClear QHD LCD display with a secondary ePaper display. Each screen delivers ultimate multi-tasking convenience. With two side-by-side screens, you can view vivid colors on the big screen, and read long documents on the ePaper screen. Enhance your creativity and productivity.

## SmartRemote software\*

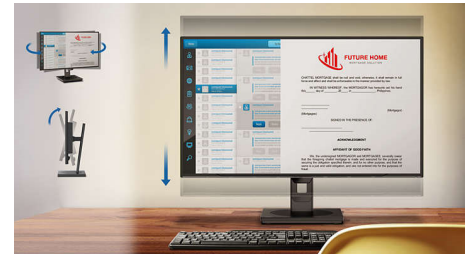


The new SmartRemote software by Philips allows you to control your ePaper monitor via an easy-to-use on-screen menu. You can drag files into the tool window, search content, zoom in, zoom out, and switch pages. Reduce distractions by displaying just what you need.

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Go to Philips website support page to download the latest App version.

## Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

## Eco-Friendly Packaging



This model uses 100% recyclable packaging, using no Styrofoam at all. Additionally, in consideration for people and time, the packaging is easy to remove.

## Low power consumption

Low power consumption saves energy bills



# Specifications

## Picture/Display I

- Panel Size: 23.8 inch / 60.5 cm
- Monitor Panel Type: IPS technology
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Display colors: 16.7 M (6 bit + Hi FRC)
- Color gamut (typical): NTSC 99%\*, sRGB 99.8%\*
- Aspect ratio: 16:9
- Backlight type: W-LED system
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead
- Effective viewing area: 526.848 (H) x 296.352 (V) mm
- Flicker-free
- LowBlue Mode
- Maximum resolution: 2560 x 1440 @ 75 Hz\*
- Picture enhancement: SmartImage
- Pixel Density: 123 PPI
- Pixel pitch: 0.2058 x 0.2058 mm
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Viewing angle: 178° (H) / 178° (V), @ C/R >= 10
- Response time (typical): 4 ms (Gray to Gray)\*

## Picture/Display II

- Panel Size: 13.3 inch / 33.8 cm
- Monitor Panel Type: EPD
- Aspect ratio: 3:4
- Display colors: 4 bits grey scale
- Display Screen Coating: Anti-Glare, 3H, Haze 15%
- Effective viewing area: 278.4 (H) x 202.8 (V) mm
- Optimum resolution: 1200 x 1600
- Pixel Density: 150 PPI
- Pixel pitch: 0.169 x 0.169 mm

## Connectivity/Display I

- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (DisplayPort / USB-C)
- RJ45: Ethernet LAN up to 1G\*, Wake on LAN

- Signal Input: DisplayPort 1.2 x 1, USB-C x 1 (DP Alt mode, Power delivery)
- Sync Input: Separate Sync
- USB Hub: USB 3.2 Gen 2 / 10 Gbps, USB-C upstream x 1, USB-A downstream x 4 (with 1 fast charge B.C 1.2)

## Connectivity/Display II

- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (USB-C)
- Signal Input: USB-C x 1 (DP Alt Mode, Power delivery)
- Sync Input: Separate Sync

## Power Delivery/Display I

- Max power delivery: USB-C up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.5A)
- Version: USB PD version 3.0

## Power Delivery/Display II

- USB-C (input): 65W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)
- USB-C (output): 15W (5V/3A)
- Version: USB PD version 3.0

## Convenience/Display I

- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- Control software: SmartControl

## Convenience/Display II

- Other convenience: Kensington lock, VESA mount (100x100mm), Front Light (White/Yellow)
- User convenience: Clear, Front light, Mode, Level, Menu/Power
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 100 mm
- Swivel: -/+45 degree
- Tilt: -5/23 degree

## Power

- ECO mode: 18.5 W (typ.)
- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 26 W (typ.)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 980 x 420 x 159 mm
- Product without stand (mm): 787 x 323 x 46 mm
- Product with stand(max height): 787 x 453 x 239 mm

## Weight

- Product with packaging (kg): 10.63 kg
- Product with stand (kg): 6.19 kg
- Product without stand (kg): 4.86 kg

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)

# Specifications

- Temperature range (operation): 0°C to 40 °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60 °C
- MTBF (demonstrated): Display 1: 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free

housing

## Compliance and standards

- Regulatory Approvals: CB, CCC, CE Mark, FCC Class B, ICES-003

## Cabinet

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



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Version: 2.0.1

EAN: 87 12581 80121 2

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

\* The SmartRemote app is solely compatible with operating systems Windows 10 and above and it is currently not compatible with macOS.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* sRGB Coverage based on CIE1931

\* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

\* 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.

\* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.

\* If your Ethernet connection seems slow, please enter OSD menu and select USB 3.0 or higher version which can support the LAN speed to 1G.

\* The monitor may look different from feature images.