

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

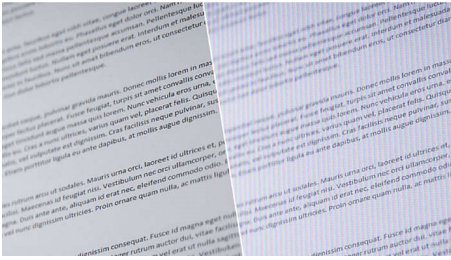
Features designed for you

- 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

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.

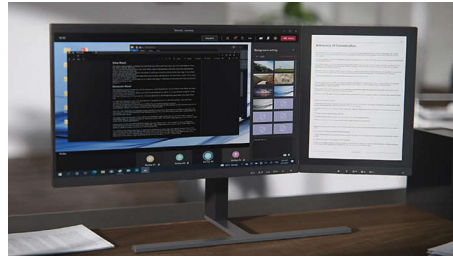
Reduce eye strain

Features like anti-glare to ensure eye strain reduction

On-screen menu

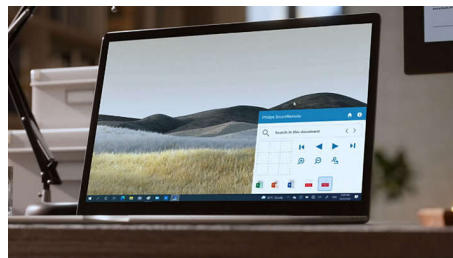
On-screen menu for setting viewing mode preferences

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.

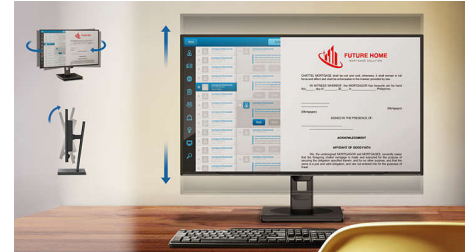
SmartRemote software*



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.

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



E-Paper Display



Dual screen



SmartRemote



CompactErgo Base



PHILIPS



AG Anti-glare Coating



Low Power



USB-C

Specifications

Picture/Display I

- Panel Size: 23.8 inch / 60.5 cm
- Monitor Panel Type: IPS technology
- Brightness: 250 cd/m²
- 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

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- 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, CE Mark, FCC Class B, ICES-003, BSMI

Cabinet

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



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Version: 3.0.1

EAN: 87 12581 79991 5

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- * 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.