Philips
LCD monitor with USB-C Dock

B Line
27" (68.6 cm)
Quad HD (2560 x 1440)

272B7QUBHEB

Simplify your connections

with USB docking

This Philips monitor offers a simple, one-cable laptop docking solution. One USB dual-mesh cable with Type C and A connectors delivers video, Ethernet, power-charge and DisplayLink functions. Windows Hello webcam offers greater security.

Single cable for USB docking
- Built-in USB docking simplifies your connections
- One USB dual-mesh cable further reduces cable clutter
- USB-C enables laptop power charging directly from monitor
- USB-A with DisplayLink enables existing laptops usage
- USB 3.2 high speed data transfer
- Built in RJ-45 ethernet gives data security

Brilliant performance
- Ultra Wide-Color wider range of colors for a vivid picture
- IPS technology for full colors and wide viewing angles
- LowBlue Mode for easy on-the-eyes productivity
- Securely sign in with pop-up webcam with Windows Hello™
- DisplayPort-out for connecting additional displays

Sustainable Eco-design
- PowerSensor saves up to 80% energy costs

PHILIPS

Highlights

USB Docking

Philips USB-docking monitors deliver universal port replication, for a simple, clutter-free, notebook connection. Securely connect to networks, transmit data, video and audio from laptop only using a single USB cable. Even more, dock with USB Type-C port for extra power charging. For docking monitors with built-in DisplayLink Technology, users can benefit from forward and backward compatibility of USB with virtually any latest notebook. USB-docking can boost business productivity and reduce costs.

USB Type-C connection

This Philips display features a built-in USB type-C docking station with power delivery. With intelligent and flexible power management, you can power charge your compatible* laptop directly. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your notebook at the same time.
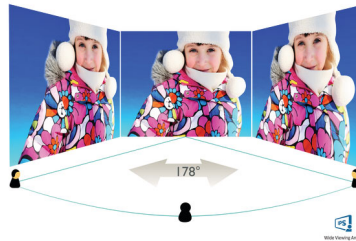
Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture.

Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

IPS technology

IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

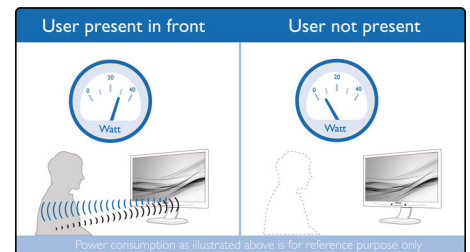## Windows Hello™ pop-up webcam

Phillips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello™ facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

DisplayPort-out

With DisplayPort-out you can connect multiple high resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to create a clean desktop without the hassle of too many wires all over.

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

Specifications

Picture/Display
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.5 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.7 (H) x 335.7 (V)
- Aspect ratio: 16:9
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Pixel Density: 109 PPI
- Response time (typical): 5 ms (Gray to Gray)*
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Color gamut (typical): NTSC 114%*, sRGB 132%*
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 76 Hz (V)
- sRGB
- LowBlue Mode
- EasyRead

Connectivity
- Signal Input: DisplayPort 1.2 x 1, HDMI 1.4 x 1, USB-C 3.2 Gen 2 x 1 (DP Alt mode, power delivery up to 65 W)
- Signal Output: DisplayPort out
- USB:: USB-C 3.2 x 1 Gen 2 (upstream), USB 3.2 x 4 (downstream, w/ 1 fast charging)
- RJ45: Ethernet LAN (10M/100M/1G)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out
- DC power out: x 1 (support 19V, max 65 W)*

USB docking
- USB-C to USB-C: Video (DP Alt mode), Data, Power delivery
- USB-C to USB-A: Video, Data
- USB-C power delivery: USB PD version 3.0
- USB-C max. power delivery: Upto 65 watts (5V/3A, 9V/3A, 10V/3A,12V/3A, 15V/3A, 20V/3.25A)

Convenience
- Built-in Speakers: 2 W x 2
- Built-in webcam: 2.0 megapixel FHD camera with microphone and LED indictor (for Windows 10 Hello)
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- Control software: SmartControl
- 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, Ukranian

- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -175/175 degree
- Tilt: -5/30 degree

Power
- ECO mode: 20.6 W (typ.)
- On mode: 25.6 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Energy Label Class: B
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 614 x 548 x 257 mm
- Product without stand (mm): 614 x 372 x 56 mm
- Packaging in mm (WxHxD): 690 x 458 x 252 mm

Weight
- Product with stand (kg): 7.52 kg
- Product without stand (kg): 5.10 kg
- Product with packaging (kg): 10.27 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: PowerSensor, EnergyStar 7.0, EPEAT*, TCO Certified Edge, RoHS, WEEE
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, UKRAINIAN, ICES-003, CB
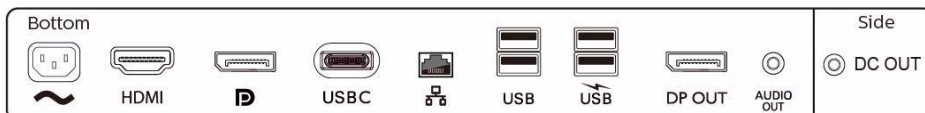
Cabinet
- Front bezel: Black

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

What's in the box?
- Monitor with stand
- Cables: HDMI cable, DP cable, USB-C to C/A cable, DC out cable, Power cable
- User Documentation