# ASUS VP32UQ LED display 80 cm (31.5") 3840 x 2160 pixels 4K Ultra HD Black

**Brand :** ASUS

**Product name :** VP32UQ

**Product code:** 90LM06S0-B01E70

- 31.5-inch, 4K UHD (3840 x 2160) resolution display with IPS 178° wide viewing angle for sharp and immersive visuals
- Support HDR-10 to enhance bright and dark area, delivers lifelike viewing experience
- Extensive connectivity including DisplayPort, HDMI, built-in 2W x 2 stereo speakers
- Adaptive-Sync technology to animated content with fast action and eliminate screen tearing
- ASUS Eye Care monitors feature TÜV Rheinland-certified Flicker-free and Low Blue Light technologies to ensure a comfortable viewing experience
- Supports both Adaptive-Sync with NVIDIA GeForce* graphics cards and FreeSync with AMD Radeon graphics cards *Compatible with NVIDIA GeForce GTX 10 series, GTX 16 series, RTX 20 series and newer graphics cards

31.5", IPS, 3840 x 2160, 16:9, 1000:1, 4ms, 60Hz, HDR10, HDCP, DisplayPort, HDMI, Earphone Jack, Tilt, VESA 100 x 100, 714.6 x 423.7 x 50.4 mm, 6.2 Kg

## Display

| | |
|---|---|
| Display diagonal * | 80 cm (31.5") |
| Display resolution * | 3840 x 2160 pixels |
| HD type * | 4K Ultra HD |
| Native aspect ratio * | 16:9 |
| Panel type * | IPS |
| Backlight type | LED |
| Touchscreen * | ✘ |
| Display brightness (typical) | 350 cd/m² |
| Response time | 5 ms |
| Anti-glare screen | ✔ |
| Screen shape * | Flat |
| Supported graphics resolutions | 3840 x 2160 |
| Aspect ratio | 16:9 |
| Contrast ratio (typical) * | 1000:1 |
| Contrast ratio (dynamic) | 100000000:1 |
| Dynamic contrast ratio marketing name | SmartContrast |
| Maximum refresh rate * | 60 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 1.073 billion colours |
| Pixel pitch | 0.185 x 0.185 mm |
| Viewable size, horizontal | 69.7 cm |
| Viewable size, vertical | 39.2 cm |
| Digital horizontal frequency | 31 - 133 kHz |
| Digital vertical frequency | 48 - 60 Hz |
| High Dynamic Range (HDR) supported | ✔ |
| High Dynamic Range (HDR) technology | High Dynamic Range 10 (HDR10) |

## Performance

| | |
|---|---|
| AMD FreeSync * | ✔ |
| VESA Adaptive Sync support | ✔ |
| Component video sync | Sync-on-green (SOG) |

## Ports & interfaces

| | |
|---|---|
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.2 |
| Headphone out * | ✔ |
| Headphone outputs | 1 |
| Headphone connectivity | 3.5 mm |
| HDCP | ✔ |
| AC (power) in | ✔ |

## Ergonomics

| | |
|---|---|
| VESA mounting * | ✔ |
| Panel mounting interface | 100 x 100 mm |
| Cable lock slot * | ✔ |
| Cable lock slot type | Kensington |
| Height adjustment * | ✘ |
| Tilt adjustment | ✔ |
| Tilt angle range | -5 - 8° |

## Power

| | |
|---|---|
| Energy efficiency class (SDR) * | G |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 45 kWh |
| Energy consumption (HDR) per 1000 hours * | 52 kWh |
| Power consumption (typical) * | 32 W |
| Power consumption (standby) * | 0.5 W |
| Power consumption (off) | 0.3 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50 - 60 Hz |

## Packaging content

| | |
|---|---|
| Cables included | AC, HDMI |
| Quick start guide | ✔ |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 714.6 mm |

## Performance

| | |
|---|---|
| Flicker-free technology | ✔ |
| Low Blue Light technology | ✔ |

## Multimedia

| | |
|---|---|
| Built-in speaker(s) * | ✔ |
| Built-in camera * | ✖ |
| Number of speakers | 2 |
| RMS rated power | 4 W |

## Design

| | |
|---|---|
| Product colour * | Black |
| Front bezel colour | Black |
| Feet colour | Black |

## Ports & interfaces

| | |
|---|---|
| Built-in USB hub * | ✖ |
| HDMI * | ✔ |
| HDMI ports quantity | 1 |
| HDMI version | 2.0 |

## Weight & dimensions

| | |
|---|---|
| Depth (with stand) | 201.8 mm |
| Height (with stand) | 485.7 mm |
| Weight (with stand) | 7.82 kg |
| Width (without stand) | 714.6 mm |
| Depth (without stand) | 50.4 mm |
| Height (without stand) | 423.7 mm |
| Weight (without stand) | 6.2 kg |

## Packaging data

| | |
|---|---|
| Package width | 800 mm |
| Package depth | 140 mm |
| Package height | 528 mm |
| Package weight | 9.8 kg |

## Sustainability

| | |
|---|---|
| European Product Registry for Energy Labelling (EPREL) code | 404340 |

## Logistics data

| | |
|---|---|
| Harmonized System (HS) code | 85285210 |

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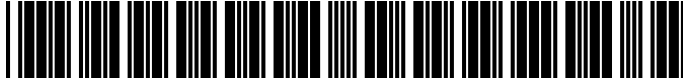
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