SAMSUNG

# Samsung 32" Smart Monitor M9 M90SF UHD

**Brand :** Samsung          **Product family:** Smart Monitor          **Product code:**
LS32FM902SUXXU

**Product name :** 32" Smart
Monitor M9 M90SF UHD

- QD-OLED technology produces deep blacks and rich colour contrast that highlight the ultra-fine details in 4K resolution.
- The 4K resolution in the built-in camera keeps video calls crystal-clear.
- Elevate your entertainment experience with AI-powered image and sound.
32" Smart Monitor M9 M90SF UHD
Samsung 32" Smart Monitor M9 M90SF UHD. Display diagonal: 81.3 cm (32"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 2.0. VESA mounting, Height adjustment. Product colour: Silver

## Display

| | |
|---|---|
| Display diagonal * | 81.3 cm (32") |
| Display resolution * | 3840 x 2160 pixels |
| HD type * | 4K Ultra HD |
| Native aspect ratio * | 16:9 |
| Display technology * | OLED |
| Panel type * | OLED |
| Touchscreen * | ✘ |
| Display brightness (typical) | 250 cd/m² |
| Display brightness (min) | 200 cd/m² |
| Response time * | 0.03 ms |
| Response time measurement type | GTG (Gray to Gray) |
| Screen shape * | Flat |
| Contrast ratio (typical) * | 1000000:1 |
| Dynamic contrast ratio marketing name | Mega DCR |
| Maximum refresh rate * | 165 Hz |
| Viewing angle, horizontal | 178° |
| Viewing angle, vertical | 178° |
| Display number of colours * | 1 billion colours |
| Viewable size, horizontal | 69.7 cm |
| Viewable size, vertical | 39.2 cm |
| Display diagonal (metric) | 80 cm |
| High Dynamic Range (HDR) supported | ✔ |
| High Dynamic Range (HDR) technology | DisplayHDR 400 True Black, High Dynamic Range 10+ (HDR10 Plus) |
| Colour gamut standard | sRGB |
| sRGB coverage (typical) | 99% |

## Performance

| | |
|---|---|
| NVIDIA G-SYNC * | ✘ |
| AMD FreeSync * | ✔ |
| AMD FreeSync type | FreeSync Premium Pro |
| Flicker-free technology | ✔ |
| Game mode | ✔ |
| Game features | Super Ultrawide GameView |

## Ergonomics

| | |
|---|---|
| Adjustable height (max) | 12 cm |
| Pivot | ✔ |
| Pivot angle | -92 - 92° |
| Tilt adjustment | ✔ |
| Tilt angle range | -2 - 15° |

## Power

| | |
|---|---|
| Energy efficiency class (SDR) * | G |
| Energy efficiency class (HDR) * | G |
| Energy consumption (SDR) per 1000 hours * | 55 kWh |
| Energy consumption (HDR) per 1000 hours * | 73 kWh |
| Power consumption (typical) * | 55.4 W |
| Power consumption (standby) * | 0.5 W |
| Power consumption (max) | 240 W |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50/60 Hz |
| Power supply type | External |
| Energy efficiency scale | A to G |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 10 - 40 °C |
| Operating relative humidity (H-H) | 10 - 80% |

## Weight & dimensions

| | |
|---|---|
| Width (with stand) | 717.2 mm |
| Depth (with stand) | 200 mm |
| Height (with stand) | 601.6 mm |
| Weight (with stand) | 8.4 kg |
| Width (without stand) | 717.2 mm |
| Depth (without stand) | 42.5 mm |
| Height (without stand) | 432.3 mm |
| Weight (without stand) | 5.3 kg |

## Packaging data

| | |
|---|---|
| Stand type | HAS stand |
| Package width | 909 mm |

## Performance

| | |
|---|---|
| Operating system installed | Tizen |

## Multimedia

| | |
|---|---|
| RMS rated power | 10 W |
| Built-in speaker(s) * | ✔ |
| Built-in camera * | ✘ |
| Adaptive Sound Pro | ✔ |

## Design

| | |
|---|---|
| Market positioning * | Smart |
| Product colour * | Silver |
| Feet colour | Silver |

## Ports & interfaces

| | |
|---|---|
| Built-in USB hub * | ✔ |
| USB hub version | 2.0 |
| USB upstream port type | USB Type-C |
| Number of upstream ports | 1 |
| USB Type-A downstream ports quantity | 2 |
| USB Power Delivery (USB PD) | ✔ |
| USB Power Delivery up to | 90 W |
| HDMI * | ✔ |
| HDMI ports quantity | 1 |
| HDMI version | 2.0 |
| DisplayPort out quantity | 1 |
| DisplayPort out version | 1.4 |
| Headphone out * | ✘ |
| HDCP | ✔ |
| HDCP version | 2.2 |
| DC-in jack | ✔ |

## Network

| | |
|---|---|
| Wi-Fi | ✔ |
| Wi-Fi standards | Wi-Fi 5 (802.11ac) |
| Bluetooth | ✔ |
| Bluetooth version | 5.2 |
| Remotely operated | ✔ |

## Ergonomics

| | |
|---|---|
| VESA mounting * | ✔ |
| Panel mounting interface | 100 x 100 mm |
| Height adjustment * | ✔ |

## Packaging data

| | |
|---|---|
| Package depth | 124 mm |
| Package height | 515 mm |
| Package weight | 12.3 kg |
| Package type | Box |

## Packaging content

| | |
|---|---|
| Stand included | ✔ |
| Cables included | AC, HDMI |
| Remote control included | ✔ |
| Pogo gender adapter included | ✔ |
| Power cable length | 1.5 m |

## Other features

| | |
|---|---|
| Brand specific technologies | Game Bar 2.0, Smart Calibration |
| Sound mirroring | ✔ |
| Screen mirroring | ✔ |
| TV Plus | ✔ |
| SmartThings app support | ✔ |
| Works with Samsung Bixby | ✔ |
| Office 365 support | ✔ |
| Wireless Dex support | ✔ |
| Tap view | ✔ |
| Virtual assistant | Amazon Alexa & Samsung Bixby |
| Far-field voice interaction | ✔ |
| Universal guide | ✔ |
| Multi View | ✔ |
| Samsung Eye Saver Mode | ✔ |
| Anynet + (HDMI-CEC) | ✔ |
| Image size | ✔ |
| Wireless display | ✔ |
| Adaptive picture | ✔ |
| Auto source switch | ✔ |
| Off Timer Plus | ✔ |
| Gaming Hub/Game Bar included on selected markets | KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU |
| Smart calibration | ✔ |
| Knox vault | ✔ |
| Workspace | ✔ |
| Factory calibration report | ✔ |
| Virtual AIM point | ✔ |

8806097484073

**Catalog Object Cloud**