



# HP M24 Webcam Monitor

Work. School. Fun. It all looks good from here.

Welcome home to your window to the world. Top-quality picture with a 5MP camera, amazing sound and sleek design makes this elegant 60.45 cm (23.8") monitor become the centerpiece of your connected daily life. It's designed for ease and simplicity without compromising quality so you can feel as good as you look. Hop from a call to a class to whatever else in stride and see the complete picture of it all.



## Look & Sound Better Than Ever

Behold the new 60.45 cm (23.8") conferencing monitor with an integrated 5 megapixel camera and behold...yourself. That's nearly twice the resolution of a standard webcam. Just hop on your call and hold on tight, the compliments will be coming in hot. Enjoy rich audio and a noise-cancelling and echo dual microphone so you can sound as good as you look. There's also a physical sliding camera cover so you can ensure your camera is off when you need it to be.



## Make Yourself Look & Sound Like Yourself

Make yourself look as good as you should. HP Display Center gives you control of how you look and sound. Adjust camera settings and use the preview window to dial in your picture to perfection.



## Clear Desk. Clear Mind.

Connect with success and disconnect from the mess with a simple setup. A seamless integrated conferencing set up using one USB-C<sup>®1</sup> cable. Easily connect your peripherals to the monitor's port hub, sleekly tucked in behind. Now that's the picture of simplicity.



## Designed for Comfort

When you set up the perfect work environment, you deserve to be comfortable. Adjust the height just right, swivel the angle into position. Yes, the design is easy on the eyes, but it's also designed to reduced eye strain with HP Eye Ease with Eyesafe<sup>®</sup> Certification<sup>2</sup>.

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## Featuring

### Looks Good. Does Good.

Both the display and stand are made with 85% PCR with 5% OBP and the packaging is sustainably sourced and recyclable.<sup>3,4</sup>

### Integrated speakers

Get great audio built right in from the integrated speakers.

### HP Webcam

Clear, smooth video chats so you can stay in touch with the whole family.<sup>5</sup>

### Adjust your view

Adjust your screen's height for comfortable viewing with swivel and tilt capability.

### Easily personalize and adjust your display.

Customize your display with easy, intuitive HP Display Center software that lets you tailor your settings, partition screens, and even dim the screen.

### HP Eye Ease

An always-on blue light filter that keeps your eyes comfortable with zero impact on color accuracy.

### Sustainably Sourced Packaging

HP is innovating new ways to reduce the amount of materials in our packaging and to use more recycled materials in the design.<sup>4</sup>

### Power delivery with USB-C®

View your content on the big screen and charge your device at the same time.<sup>1</sup>

### Extensive port connectivity

HDMI, DisplayPort™ and a USB 3.1 hub deliver advanced connectivity for the latest hardware and accessories.<sup>6</sup>

### Three-sided micro-edge display

See more of your screen with a three-sided micro-edge display that maximizes your viewing area.

### Low blue light

Put less strain on your eyes by softening the blue light from your display.

### FHD display / 1080p display

Brilliant visuals and unforgettable quality from a stunning FHD display.<sup>7</sup>

### Step up to the best

IPS technology brings you clear views from almost any angle. Every seat is the best seat in the house.

### Share the panoramic view

Ultra-wide 178-degree viewing angles with consistent detail and vibrant color.

### Off the desk and on the wall

VESA mounts for easy mounting on a wall or arm.<sup>8</sup>

### Included headphone jack

Easily plug in your headphones for a more lifelike experience.

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<sup>3</sup> Based on HP's internal analysis. Monitor's 85% post-consumer recycled plastic content consists of 5% ocean bound plastic materials by weight.

<sup>4</sup> 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting.

<sup>5</sup> Features may require software or other 3rd party applications to provide the described functionality.

<sup>6</sup> DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

<sup>7</sup> Full high-definition (FHD) content is required to view FHD images.

<sup>8</sup> VESA mounting arm or wall mounting assembly sold separately.

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|                                      |                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product number                       | 459J3AA                                                                                                                                                                                                                                                                                                                                               |
| Display size                         | 60.45 cm (23.8")                                                                                                                                                                                                                                                                                                                                      |
| Aspect ratio                         | 16:9                                                                                                                                                                                                                                                                                                                                                  |
| Display type                         | IPS <sup>1</sup>                                                                                                                                                                                                                                                                                                                                      |
| Pixel pitch                          | 0.2745 mm x 0.2745 mm                                                                                                                                                                                                                                                                                                                                 |
| Response time                        | 5ms GtG (with overdrive) <sup>1</sup>                                                                                                                                                                                                                                                                                                                 |
| Brightness                           | 300 nits <sup>1</sup>                                                                                                                                                                                                                                                                                                                                 |
| Contrast ratio                       | 1000:1                                                                                                                                                                                                                                                                                                                                                |
| Product color                        | Black head, silver stand;<br>99% sRGB                                                                                                                                                                                                                                                                                                                 |
| Resolution (maximum)                 | FHD (1920 x 1080 @ 75 Hz)                                                                                                                                                                                                                                                                                                                             |
| Resolutions supported                | 640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080                                                                                                                                                                                                                    |
| Display scan frequency (horizontal)  | 30-85 KHz                                                                                                                                                                                                                                                                                                                                             |
| Display scan frequency (vertical)    | 48-75 Hz                                                                                                                                                                                                                                                                                                                                              |
| Display features                     | On-screen controls; AMD FreeSync™; Low blue light mode; Dual speakers (2W per channel); Anti-glare; Height adjustable; Webcam; Integrated microphone                                                                                                                                                                                                  |
| Physical security features           | Security lock-ready <sup>2</sup>                                                                                                                                                                                                                                                                                                                      |
| Environmental specifications         | 85% post-consumer recycled plastic; Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains Ocean-Bound plastic <sup>4,5,7,8</sup>                                                                                                                                                                     |
| Energy efficiency                    | Energy efficiency class: E; On-mode power consumption: 120 W (maximum); Annual energy consumption: 16 kWh; Standby: 0.5 W (standby); Power consumption (on-mode): 120 W (maximum); Power consumption (off-mode): 18 W (typical)                                                                                                                       |
| Display User Control Options         | Brightness; Exit; Information; Management; Power control; Input control; Menu control; Image; Color                                                                                                                                                                                                                                                   |
| Webcam                               | Yes, 5MP                                                                                                                                                                                                                                                                                                                                              |
| Operating temperature range          | 5 to 35°C                                                                                                                                                                                                                                                                                                                                             |
| Operating temperature range          | 41 to 95°F                                                                                                                                                                                                                                                                                                                                            |
| Operating humidity range             | 20 to 80% non-condensing                                                                                                                                                                                                                                                                                                                              |
| Ecolabels                            | EPEAT® registered <sup>3</sup>                                                                                                                                                                                                                                                                                                                        |
| Energy star certified (series fixed) | ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                                |
| Certifications and compliances       | Argentina S-Mark; BIS; CB; CCC; CE; CEL; CEL Grade 1; C-Tick; cTUVus; ENERGY STAR®; EPA; EUP Lot-5; EUP Lot-6; FCC; GS Mark; ICES; ISO 9241-307; KC/KCC; NOM; NOM (Mexico); RCM; UL/CSA-NTRL/ETL-NRTL Mark; VCCI; WEEE; EUP Lot-26; California Energy Commission (CEC); South Africa Energy; eStandby; Mexico LASE form; ICE; KES; PSE EAC; India BIS |
| Power supply                         | 100 - 240 VAC 50/60 Hz                                                                                                                                                                                                                                                                                                                                |
| Speaker output power                 | 2 x 2 W                                                                                                                                                                                                                                                                                                                                               |
| VESA mount                           | 100 mm x 100 mm                                                                                                                                                                                                                                                                                                                                       |
| Pixels per inch (ppi)                | 93 ppi                                                                                                                                                                                                                                                                                                                                                |
| Panel bit depth                      | 8 bit                                                                                                                                                                                                                                                                                                                                                 |
| Vertical viewing angle               | 178°                                                                                                                                                                                                                                                                                                                                                  |
| Horizontal viewing angle             | 178°                                                                                                                                                                                                                                                                                                                                                  |
| Bezel                                | 3-sided micro-edge                                                                                                                                                                                                                                                                                                                                    |
| Swivel                               | ±45°                                                                                                                                                                                                                                                                                                                                                  |
| Tilt                                 | -5 to +23°                                                                                                                                                                                                                                                                                                                                            |
| Pivot                                | No pivot                                                                                                                                                                                                                                                                                                                                              |
| Height adjustment range              | 100 mm                                                                                                                                                                                                                                                                                                                                                |
| Hardness                             | 3H                                                                                                                                                                                                                                                                                                                                                    |
| Screen treatment                     | Anti-glare                                                                                                                                                                                                                                                                                                                                            |
| Flicker-free                         | Yes                                                                                                                                                                                                                                                                                                                                                   |
| Low blue light modes                 | Yes (Eyesafe® and TÜV certified)                                                                                                                                                                                                                                                                                                                      |
| USB Type-C® data                     | 1 SuperSpeed USB Type-C® 5Gbps signaling rate (Up to 65W USB Power Delivery)                                                                                                                                                                                                                                                                          |
| Dimension note (metric)              | Without stand.                                                                                                                                                                                                                                                                                                                                        |
| Weight note (metric)                 | With stand.                                                                                                                                                                                                                                                                                                                                           |
| Dimensions (L x W x H)               | 53.95 x 4.79 x 37.22 cm                                                                                                                                                                                                                                                                                                                               |
| Weight                               | 6.3 kg                                                                                                                                                                                                                                                                                                                                                |
| Management software                  | HP Display Center                                                                                                                                                                                                                                                                                                                                     |
| Warranty                             | 1 year limited warranty                                                                                                                                                                                                                                                                                                                               |
| What's in the box                    | Monitor; HDMI cable; Warranty card; QSP; 1 USB Type-C® to Type-C cable; 1 USB Type-C® to Type-A cable; AC power cord                                                                                                                                                                                                                                  |
| Package Dimensions (L x W x H)       | 59.6 x 19.5 x 41.6 cm                                                                                                                                                                                                                                                                                                                                 |
| Package weight                       | 9.2 kg                                                                                                                                                                                                                                                                                                                                                |
| Port and Connectors                  | USB Type-C® video input: 1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2); Hdcp: Yes, DisplayPort™ and HDMI; Hdmi: 1 HDMI 1.4; Displayport™: 1 DisplayPort™ 1.2; Usb a: 2 SuperSpeed USB Type-A 5Gbps signaling rate; Audio port: 1 x 3.5 mm Audio Jack (Audio Out)                            |
| Flicker-free                         | Yes                                                                                                                                                                                                                                                                                                                                                   |

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## Messaging Footnotes

<sup>1</sup> USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

<sup>2</sup> HP Eye Ease hardware that does not impact color accuracy used with Eyesafe. Eyesafe® certified website: <https://eyesafe.com/>.

## Technical Specifications Footnotes

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>2</sup> Lock sold separately.

<sup>3</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

<sup>4</sup> External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.

<sup>5</sup> DisplayPort™ 1.2 or HDMI 1.4 or USB Type C® (Alt Mode DisplayPort™ compatible) required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 60 Hz with 8-bit color using one DisplayPort™, HDMI, or USB Type C® (Alt Mode DisplayPort™).

<sup>6</sup> Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

<sup>7</sup> Percentage of ocean-bound plastic contained in each component varies by product.

<sup>8</sup> 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

