



## HP Series 3 Pro 23.8 inch FHD Monitor - 324pv

**Brand :** HP

**Product family:** Series 3 Pro

**Product code:** 9U5C1AA#ABB

**Product name :** Series 3 Pro  
23.8 inch FHD Monitor - 324pv

- This 23.8" FHD monitor with up to 100Hz refresh rate<sup>[1]</sup> provides sharp images and fluid motion to make your everyday experience more productive and enjoyable.
  - Enjoy a flicker-free screen plus HP Eye Ease, an always-on, color accurate hardware low-blue light filter.
  - Stay focused with neat cable management, a tilt-adjustable slim stand, and 3-sided micro-edge bezel. Easily adjust settings with a joypad OSD button.
  - ENERGY STAR® certified and EPEAT® registered<sup>[2]</sup>, this monitor meets high energy-saving standards. Plus, it leverages recycled materials and uses 100% recyclable outer box packaging.<sup>[3]</sup>
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Your Everyday Monitor

Expand your view and boost productivity with an additional 23.8 inches of workspace from this FHD monitor. Work in comfort with a crisp, smooth screen and simple design, so you can get more done everyday.



| Display                        |                                                                                                                                                                                      | Ergonomics                                       |             |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------|
| Display diagonal *             | 60.5 cm (23.8")                                                                                                                                                                      | On Screen Display (OSD)                          | ✓           |
| Display resolution *           | 1920 x 1080 pixels                                                                                                                                                                   | Power                                            |             |
| HD type *                      | Full HD                                                                                                                                                                              | Energy efficiency class (SDR) *                  | D           |
| Native aspect ratio *          | 16:9                                                                                                                                                                                 | Energy efficiency class (HDR) *                  | D           |
| Display technology *           | LCD                                                                                                                                                                                  | Energy consumption (SDR) per 1000 hours *        | 14 kWh      |
| Panel type *                   | VA                                                                                                                                                                                   | Power consumption (typical) *                    | 20 W        |
| LED backlight                  | ✓                                                                                                                                                                                    | Power consumption (standby) *                    | 0.5 W       |
| Backlight type                 | Edge LED                                                                                                                                                                             | Power consumption (max)                          | 30 W        |
| Touchscreen *                  | ✗                                                                                                                                                                                    | Power consumption (off)                          | 0.3 W       |
| Display brightness (typical)   | 250 cd/m²                                                                                                                                                                            | AC input voltage                                 | 100 - 240 V |
| Display brightness             | 250 cd/m²                                                                                                                                                                            | AC input frequency                               | 50/60 Hz    |
| Response time *                | 5 ms                                                                                                                                                                                 | Power supply type                                | Internal    |
| Response time measurement type | GTG (Gray to Gray)                                                                                                                                                                   | Energy efficiency scale                          | A to G      |
| Display surface                | Matt                                                                                                                                                                                 | Operational conditions                           |             |
| Anti-glare screen              | ✓                                                                                                                                                                                    | Operating temperature (T-T)                      | 5 - 35 °C   |
| Screen shape *                 | Flat                                                                                                                                                                                 | Operating relative humidity (H-H)                | 5 - 95%     |
| Supported graphics resolutions | 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1440 x 900 (WXGA+), 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA) | Storage relative humidity (H-H)                  | 20 - 80%    |
|                                |                                                                                                                                                                                      | Non-operating relative humidity (non-condensing) | 20 - 80%    |
| Aspect ratio                   | 16:9                                                                                                                                                                                 | Weight & dimensions                              |             |
| Contrast ratio (typical) *     | 3000:1                                                                                                                                                                               | Width (with stand)                               | 538.9 mm    |
| Contrast ratio (dynamic)       | 8000000:1                                                                                                                                                                            | Depth (with stand)                               | 180.5 mm    |
| Maximum refresh rate *         | 100 Hz                                                                                                                                                                               | Height (with stand)                              | 397.9 mm    |
| Viewing angle, horizontal      | 178°                                                                                                                                                                                 | Weight (with stand)                              | 3.56 kg     |
| Viewing angle, vertical        | 178°                                                                                                                                                                                 | Width (without stand)                            | 538.9 mm    |
| Display number of colours *    | 16.7 million colours                                                                                                                                                                 | Depth (without stand)                            | 51.4 mm     |
| Pixel pitch                    | 0.27 x 0.27 mm                                                                                                                                                                       | Height (without stand)                           | 323.6 mm    |
| Pixel density                  | 93 ppi                                                                                                                                                                               | Packaging data                                   |             |
| Horizontal scan range          | 30 - 115 kHz                                                                                                                                                                         | Package width                                    | 595 mm      |
| Vertical scan range            | 50 - 100 Hz                                                                                                                                                                          | Package depth                                    | 124 mm      |
| Viewable size, horizontal      | 52.7 cm                                                                                                                                                                              | Package height                                   | 391 mm      |
| Viewable size, vertical        | 29.6 cm                                                                                                                                                                              | Package weight                                   | 5.54 kg     |

| Display                      |              | Packaging data                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Digital horizontal frequency | 30 - 115 kHz | Package type                                                                                                                                                                                                   | Box                                                                                                                                                                                                                                                                                                                                                      |
| Digital vertical frequency   | 50 - 100 Hz  | Warranty card                                                                                                                                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                        |
| Display diagonal (metric)    | 60.5 cm      | Packaging content                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                          |
| Haze rate                    | 25%          | Stand included                                                                                                                                                                                                 | ✓                                                                                                                                                                                                                                                                                                                                                        |
| Surface hardness             | 3H           | Cables included                                                                                                                                                                                                | HDMI, AC                                                                                                                                                                                                                                                                                                                                                 |
| Colour depth                 | 8 bit        | Quick start guide                                                                                                                                                                                              | ✓                                                                                                                                                                                                                                                                                                                                                        |
| Colour gamut standard        | NTSC         | Bundled software                                                                                                                                                                                               | HP Display Center; HP Client Management Script Library                                                                                                                                                                                                                                                                                                   |
| Colour gamut                 | 72%          | Sustainability                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                          |
| NTSC coverage (typical)      | 72%          | Sustainability compliance                                                                                                                                                                                      | ✓                                                                                                                                                                                                                                                                                                                                                        |
| Display bezel technology     | Micro-Edge   | Sustainability certificates                                                                                                                                                                                    | ENERGY STAR, EPEAT, TCO, EPEAT Climate +, TCO10                                                                                                                                                                                                                                                                                                          |
| Performance                  |              | Sustainable technologies and materials                                                                                                                                                                         | At least 85% ITE-derived closed loop plastic; At least 10% recycled metal; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Low halogen                                                                                                                                                                               |
| NVIDIA G-SYNC *              | ✗            | Other features                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                          |
| AMD FreeSync *               | ✗            | Country of origin                                                                                                                                                                                              | China, Thailand                                                                                                                                                                                                                                                                                                                                          |
| Flicker-free technology      | ✓            | UNSPSC-code                                                                                                                                                                                                    | 43211902                                                                                                                                                                                                                                                                                                                                                 |
| Low Blue Light technology    | ✓            | Packaging content                                                                                                                                                                                              | Monitor; HDMI cable; Warranty card; Quick Setup Poster; AC power cord                                                                                                                                                                                                                                                                                    |
| HP segment                   | Business     | Weight                                                                                                                                                                                                         | 3.56 kg                                                                                                                                                                                                                                                                                                                                                  |
| Multimedia                   |              | Height                                                                                                                                                                                                         | 323.6 mm                                                                                                                                                                                                                                                                                                                                                 |
| Built-in speaker(s) *        | ✗            | Width                                                                                                                                                                                                          | 538.9 mm                                                                                                                                                                                                                                                                                                                                                 |
| Built-in camera *            | ✗            | Depth                                                                                                                                                                                                          | 51.4 mm                                                                                                                                                                                                                                                                                                                                                  |
| Design                       |              | Compliance certificates                                                                                                                                                                                        | CECP, CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI                                                                                                                                                                                                                                                                         |
| Market positioning *         | Business     | Manufacturer warranty                                                                                                                                                                                          | HP three-year limited warranty                                                                                                                                                                                                                                                                                                                           |
| Product colour *             | Black        | Low halogen                                                                                                                                                                                                    | ✓                                                                                                                                                                                                                                                                                                                                                        |
| Detachable stand             | ✓            | Supplied AC adapter type                                                                                                                                                                                       | 198122210381                                                                                                                                                                                                                                                                                                                                             |
| Feet colour                  | Black        | Certification                                                                                                                                                                                                  | Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TUV Bauart; TUV LBL; VCCI; Vietnam MEPS; WEEE; ISC; California Energy Commission (CEC); WW application; ICE; TÜV Flicker free certified; UAE safety; UAE RoHS; Works with Chromebook certified; South Africa safety; Ukraine safety |
| Ports & interfaces           |              | Technical details                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                          |
| Built-in USB hub *           | ✗            | General Product Safety Regulation (GPSR) URL <a href="https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true">https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true</a> |                                                                                                                                                                                                                                                                                                                                                          |
| VGA (D-Sub) ports quantity   | 1            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| HDMI *                       | ✓            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| HDMI ports quantity          | 1            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| HDMI version                 | 1.4          |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Headphone out *              | ✗            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| HDCP                         | ✓            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Ergonomics                   |              |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| VESA mounting *              | ✓            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Panel mounting interface     | 100 x 100 mm |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Cable lock slot *            | ✓            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Height adjustment *          | ✗            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Tilt adjustment              | ✓            |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |
| Tilt angle range             | -5 - 23°     |                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                          |



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