



## OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c

**Brand :** HP

**Product family:** OMEN by HP

**Product code:** 780K8AA

**Product name :** OMEN by HP  
34 inch WQHD 165Hz Curved  
Gaming Monitor - OMEN 34c

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### GET LOST IN THE FUN

There is no better joy than fully escaping into the game. The OMEN by HP 34-inch WQHD 165Hz Curved Gaming Monitor brings the immersion with the ultrawide 1500R curved screen. Quick performance and realistic HDR color let you get lost in the games you love most, while the sleek design looks, sounds, and feels great on your desk.

OMEN by HP OMEN by 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c. Display diagonal: 86.4 cm (34"), Display resolution: 3440 x 1440 pixels, HD type: Wide Quad HD, Display technology: LCD, Display surface: Matt, Response time: 1 ms, Native aspect ratio: 21:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



| Display                        |                                                                                                                                                                                                                                                 | Ergonomics                                |             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------|
| Display diagonal *             | 86.4 cm (34")                                                                                                                                                                                                                                   | On Screen Display (OSD)                   | ✓           |
| Display resolution *           | 3440 x 1440 pixels                                                                                                                                                                                                                              | Plug and Play                             | ✓           |
| HD type *                      | Wide Quad HD                                                                                                                                                                                                                                    | <b>Power</b>                              |             |
| Native aspect ratio *          | 21:9                                                                                                                                                                                                                                            | Energy efficiency class (SDR) *           | G           |
| Display technology *           | LCD                                                                                                                                                                                                                                             | Energy efficiency class (HDR) *           | G           |
| Panel type *                   | VA                                                                                                                                                                                                                                              | Energy consumption (SDR) per 1000 hours * | 32 kWh      |
| LED backlight                  | ✓                                                                                                                                                                                                                                               | Energy consumption (HDR) per 1000 hours * | 70 kWh      |
| Backlight type                 | Edge LED                                                                                                                                                                                                                                        | Power consumption (typical) *             | 50 W        |
| Touchscreen *                  | ✗                                                                                                                                                                                                                                               | Power consumption (standby) *             | 0.5 W       |
| Display brightness (typical)   | 400 cd/m²                                                                                                                                                                                                                                       | Power consumption (max)                   | 90 W        |
| Display brightness             | 400 cd/m²                                                                                                                                                                                                                                       | Power consumption (off)                   | 0.3 W       |
| Response time *                | 1 ms                                                                                                                                                                                                                                            | AC input voltage                          | 100 - 240 V |
| Response time measurement type | GTG (Gray to Gray)                                                                                                                                                                                                                              | AC input frequency                        | 50/60 Hz    |
| Display surface                | Matt                                                                                                                                                                                                                                            | Power supply type                         | Internal    |
| Anti-glare screen              | ✓                                                                                                                                                                                                                                               | Energy efficiency scale                   | A to G      |
| Screen shape *                 | Curved                                                                                                                                                                                                                                          | <b>Operational conditions</b>             |             |
| Screen curvature rating        | 1500R                                                                                                                                                                                                                                           | Operating temperature (T-T)               | 5 - 35 °C   |
| Supported graphics resolutions | 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 800, 1440 x 900 (WXGA+), 1600 x 900, 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080), 1920 x 1200 (WUXGA), 2560 x 1440, 3440 x 1440, 640 x 480 (VGA), 720 x 400, 800 x 600 (SVGA) | Operating relative humidity (H-H)         | 20 - 80%    |
|                                |                                                                                                                                                                                                                                                 | Storage relative humidity (H-H)           | 20 - 80%    |
|                                |                                                                                                                                                                                                                                                 | <b>Weight &amp; dimensions</b>            |             |
| Aspect ratio                   | 21:9                                                                                                                                                                                                                                            | Width (with stand)                        | 807.9 mm    |
| Contrast ratio (typical) *     | 3000:1                                                                                                                                                                                                                                          | Depth (with stand)                        | 243.3 mm    |
| Contrast ratio (dynamic)       | 10000000:1                                                                                                                                                                                                                                      | Height (with stand)                       | 584 mm      |
| Maximum refresh rate *         | 165 Hz                                                                                                                                                                                                                                          | Weight (with stand)                       | 10.6 kg     |
| Viewing angle, horizontal      | 178°                                                                                                                                                                                                                                            | Width (without stand)                     | 807.9 mm    |
| Viewing angle, vertical        | 178°                                                                                                                                                                                                                                            | Depth (without stand)                     | 108.4 mm    |
| Display number of colours *    | 16.7 million colours                                                                                                                                                                                                                            | Height (without stand)                    | 366.7 mm    |
| Pixel pitch                    | 0.23 x 0.23 mm                                                                                                                                                                                                                                  |                                           |             |

| Display                             |                              | Packaging data                                     |                                                                                                                                                                                                                                                                                     |
|-------------------------------------|------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pixel density                       | 110 ppi                      | Package width                                      | 911 mm                                                                                                                                                                                                                                                                              |
| Horizontal scan range               | 30 - 255 kHz                 | Package depth                                      | 227 mm                                                                                                                                                                                                                                                                              |
| Vertical scan range                 | 60 - 165 Hz                  | Package height                                     | 465 mm                                                                                                                                                                                                                                                                              |
| Viewable size, horizontal           | 79.7 cm                      | Package weight                                     | 15.4 kg                                                                                                                                                                                                                                                                             |
| Viewable size, vertical             | 33.4 cm                      | Package type                                       | Box                                                                                                                                                                                                                                                                                 |
| Display diagonal (metric)           | 86.4 cm                      | Warranty card                                      | ✓                                                                                                                                                                                                                                                                                   |
| High Dynamic Range (HDR) supported  | ✓                            | Packaging content                                  |                                                                                                                                                                                                                                                                                     |
| High Dynamic Range (HDR) technology | High Dynamic Range (HDR) 400 | Stand included                                     | ✓                                                                                                                                                                                                                                                                                   |
| Haze rate                           | 40%                          | Cables included                                    | DisplayPort, AC                                                                                                                                                                                                                                                                     |
| Surface hardness                    | 3H                           | Quick start guide                                  | ✓                                                                                                                                                                                                                                                                                   |
| Colour depth                        | 8 bit                        | Bundled software                                   | OMEN Gaming Hub                                                                                                                                                                                                                                                                     |
| Colour gamut standard               | sRGB, DCI-P3                 | Sustainability                                     |                                                                                                                                                                                                                                                                                     |
| Colour gamut                        | 99%                          | Sustainability compliance                          | ✓                                                                                                                                                                                                                                                                                   |
| sRGB coverage (typical)             | 99%                          | Sustainable technologies and materials             | At least 85% ITE-derived closed loop plastic; Molded paper pulp cushion inside box is made of 100% recycled or certified sources; Low halogen; Outside box and corrugated cushions are made of 100% recycled or certified sources                                                   |
| DCI-P3 coverage                     | 90%                          |                                                    |                                                                                                                                                                                                                                                                                     |
| Performance                         |                              | Carbon footprint                                   |                                                                                                                                                                                                                                                                                     |
| NVIDIA G-SYNC *                     | ✗                            | Total carbon footprint (kg of CO2e)                | 289.493                                                                                                                                                                                                                                                                             |
| AMD FreeSync *                      | ✓                            | Carbon emissions, manufacturing (kg of CO2e)       | 184.031                                                                                                                                                                                                                                                                             |
| AMD FreeSync type                   | FreeSync Premium             | Carbon emissions, logistics (kg of CO2e)           | 5.526                                                                                                                                                                                                                                                                               |
| Flicker-free technology             | ✓                            | Carbon emissions, end-of-life (kg of CO2e)         | 3.291                                                                                                                                                                                                                                                                               |
| Low Blue Light technology           | ✓                            | Total carbon emissions, w/o use phase (kg of CO2e) | 96.645                                                                                                                                                                                                                                                                              |
| Game mode                           | ✓                            | Other features                                     |                                                                                                                                                                                                                                                                                     |
| HP segment                          | Home                         | Country of origin                                  | China                                                                                                                                                                                                                                                                               |
| Multimedia                          |                              | UNSPSC-code                                        | 43211902                                                                                                                                                                                                                                                                            |
| Number of speakers                  | 2                            | Weight                                             | 10.6 kg                                                                                                                                                                                                                                                                             |
| RMS rated power                     | 6 W                          | Height                                             | 366.7 mm                                                                                                                                                                                                                                                                            |
| Built-in speaker(s) *               | ✓                            | Width                                              | 807.9 mm                                                                                                                                                                                                                                                                            |
| Built-in camera *                   | ✗                            | Depth                                              | 108.4 mm                                                                                                                                                                                                                                                                            |
| Design                              |                              | Compliance certificates                            | CCC, CB, EAC, RoHS, BIS, Federal Communications Commission (FCC), CE, BSMI                                                                                                                                                                                                          |
| Market positioning *                | Gaming                       | Manufacturer warranty                              | 1 year limited warranty                                                                                                                                                                                                                                                             |
| Product colour *                    | Black                        | Low halogen                                        | ✓                                                                                                                                                                                                                                                                                   |
| Detachable stand                    | ✓                            | Certification                                      | BIS; BSMI; CB; CCC; CE; CEL; CSA; EAC; FCC; ISO 9241-307; KC/KCC; NOM; PSB; TUV Bauart; TUV LBL; VCCI; WEEE; ISC; California Energy Commission (CEC); WW application; ICE; Ukraine certificates; TÜV Flicker free certified; UAE safety; UAE RoHS; South Africa safety; CEL Grade 2 |
| Feet colour                         | Black                        |                                                    |                                                                                                                                                                                                                                                                                     |
| Ports & interfaces                  |                              | Technical details                                  |                                                                                                                                                                                                                                                                                     |
| Built-in USB hub *                  | ✓                            | General Product Safety Regulation (GPSR) URL       | https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true                                                                                                                                                                                                           |
| HDMI *                              | ✓                            | Logistics data                                     |                                                                                                                                                                                                                                                                                     |
| HDMI ports quantity                 | 2                            | Pallet dimensions (W x D x H)                      | 1141 x 917 x 2002 mm                                                                                                                                                                                                                                                                |
| HDMI version                        | 2.0                          | Pallet gross weight                                | 338 kg                                                                                                                                                                                                                                                                              |
| DisplayPorts quantity               | 1                            |                                                    |                                                                                                                                                                                                                                                                                     |
| DisplayPort version                 | 1.4                          |                                                    |                                                                                                                                                                                                                                                                                     |
| Headphone out *                     | ✓                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Headphone outputs                   | 1                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Headphone connectivity              | 3.5 mm                       |                                                    |                                                                                                                                                                                                                                                                                     |
| HDCP                                | ✓                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Ergonomics                          |                              |                                                    |                                                                                                                                                                                                                                                                                     |
| VESA mounting *                     | ✓                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Panel mounting interface            | 100 x 100 mm                 |                                                    |                                                                                                                                                                                                                                                                                     |
| Cable lock slot *                   | ✗                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Height adjustment *                 | ✓                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Adjustable height (max)             | 10 cm                        |                                                    |                                                                                                                                                                                                                                                                                     |
| Tilt adjustment                     | ✓                            |                                                    |                                                                                                                                                                                                                                                                                     |
| Tilt angle range                    | -5 - 20°                     |                                                    |                                                                                                                                                                                                                                                                                     |



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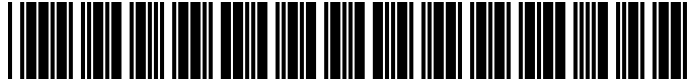
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