QuickSpecs

HP E24 G4 FHD Monitor

Technical Specifications

HP E24 G4 FHD Monitor

Front

1. OSD Buttons

2. Power Button
HP E24 G4 FHD Monitor

Back
1. Power Button
2. DisplayPort™
3. HDMI Port
4. VGA Port
5. USB-B Port
6. USB-A Ports (2)
7. USB-A Ports (2)
# QuickSpecs

## HP E24 G4 FHD Monitor

### Technical Specifications

#### Models: 9VF99AA

<table>
<thead>
<tr>
<th>Panel Specifications</th>
<th>Display Size (Diagonal)</th>
<th>23.8-in</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Display Panel Type</td>
<td>IPS</td>
</tr>
<tr>
<td></td>
<td>Micro-Edge Bezel</td>
<td>Yes, 3-sided</td>
</tr>
<tr>
<td></td>
<td>Native Resolution/Timing</td>
<td>1920 x 1080 @60Hz</td>
</tr>
<tr>
<td></td>
<td>Panel Bit Depth</td>
<td>8-bit (16.7 million color)</td>
</tr>
<tr>
<td></td>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td></td>
<td>Brightness - Typical</td>
<td>250 cd/m²</td>
</tr>
<tr>
<td></td>
<td>Static Contrast Ratio - Typical</td>
<td>1000:1</td>
</tr>
<tr>
<td></td>
<td>Static Contrast Ratio - Minimum</td>
<td>700:1</td>
</tr>
<tr>
<td></td>
<td>Dynamic Contrast Ratio (DCR)</td>
<td>5M:1</td>
</tr>
<tr>
<td></td>
<td>Flicker Free</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Pixel Pitch</td>
<td>0.2745 (H) x 0.2745 (V)</td>
</tr>
<tr>
<td></td>
<td>Pixels Per Inch (PPI)</td>
<td>92.5</td>
</tr>
<tr>
<td></td>
<td>Backlight Lamp Life (to half brightness - in hours)</td>
<td>30k minimum</td>
</tr>
<tr>
<td></td>
<td>Anti-Glare Panel</td>
<td>Yes (Haze 25%)</td>
</tr>
<tr>
<td></td>
<td>Response Time - Typical</td>
<td>5ms</td>
</tr>
<tr>
<td></td>
<td>Horizontal Viewing Angle (typical CR&gt;10)</td>
<td>178°</td>
</tr>
<tr>
<td></td>
<td>Vertical Viewing Angle (typical CR&gt;10)</td>
<td>178°</td>
</tr>
<tr>
<td></td>
<td>Panel Active Area (w x h)</td>
<td>527.04(H) x 296.46(V) mm</td>
</tr>
<tr>
<td></td>
<td>Preset Graphic Modes/Supported Resolutions</td>
<td>640 x 480 @60Hz</td>
</tr>
<tr>
<td></td>
<td>Maximum Resolution</td>
<td>1920 x 1080 @60Hz</td>
</tr>
<tr>
<td></td>
<td>Recommended Resolution</td>
<td>1920 x 1080 @60Hz</td>
</tr>
<tr>
<td></td>
<td>Vertical Scan Range</td>
<td>50-60Hz</td>
</tr>
<tr>
<td></td>
<td>Horizontal Scan Range</td>
<td>30-80kHz</td>
</tr>
<tr>
<td></td>
<td>Default Color Temperature</td>
<td>Neutral (6500K)</td>
</tr>
</tbody>
</table>

**NOTE:** Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

#### Color Gamut Coverage

- NTSC ≥CIE1931 NTSC 72% &
- NTSC ≥CIE1976 NTSC 83%

#### Color Management

- Factory Color Presets: No
- Default Color Temperature: Neutral (6500 K)
- Low Blue Light Modes: Yes
- RGB Channel Adjust: Yes

#### Monitor Specifications

- Exterior Color of Monitor Bezel and Stand: Black
- Plug & Play: Yes
Technical Specifications

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**Tilt**
-5° to +23°

**Swivel**
+-45°

**Pivot**
+-90°

**Height Adjustment Range**
150mm

**VESA Mounting**
Yes, 100 mm with integrated mount or with included bracket

**Security Lock Ready**
Yes

**Detachable Base**
Yes, ships detached

**Warranty**
3-3-0 US/JP/AP/EU
3-3-3 AP/PRC

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**On Screen Display (OSD)**
Brightness+, Color, Image, Input, Power, Menu, Management, Information (Power delivery up to 15W)

**Monitor Control Buttons or Switches**
Menu, Minus ("-")/Information, Plus ("+")/Viewing Mode, OK/Next Active Input, Power

**User-Assignable Function Buttons**
Yes, 3 (6 Options)

**Languages**
10 (German, Dutch, T-Chinese and S-Chinese, English, Spanish, French, Italian, Japanese, Portuguese)

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**Connector Types**
DisplayPort™
1 DisplayPort™ 1.2 in

HDMI
1 HDMI1.4

VGA
1

HDCP support
Yes

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**USB Port Specifications**
USB Version
3.2

USB Hub
Yes

**Downstream Ports**
4 Ports

**Upstream Ports**
1 Port

**Fast Charging USB Ports**
1 Port (Side) (USB-A)

**Power Output Maximum**
Fast Charging: 7.5 W

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**Special Features**
User Presets
Yes

User Updateable Firmware
Yes

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**Power & Operating Specs**
Power Supply
Internal

**Power Source**
100 – 240 VAC 50/60 Hz

**Power Consumption - Maximum**
51 W

**Energy Saving/Standby Mode**
0.5 W

**Power Consumption - Typical**
26 W

**Power cable length**
1.9 m

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**EU Energy Efficiency Class (EC1062)**
On-mode Power Consumption
14 W

(CE 1062/2010)

Annual Power Consumption
26 kWh

(CE 1062/2010)

Energy Efficiency Class (EC 1062/2010)
A+

Visible Screen Size
23.8" / 60.5 cm Diagonal

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**Operating Conditions**
Operating Temperature - Celsius
5°C – 35°C

Operating Temperature - Fahrenheit
41°F – 95°F

Non-operating Temperature - Celsius
-34°C – 60°C

Non-operating Temperature - Fahrenheit
-29°C – 140°F
## QuickSpecs

### HP E24 G4 FHD Monitor

#### Technical Specifications

<table>
<thead>
<tr>
<th>Environmental Features and Certifications</th>
<th>Operating Humidity</th>
<th>Non-operating Humidity</th>
<th>Operating Altitude</th>
<th>Non-operating Altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Humidity</td>
<td>20 – 80% Relative Humidity (non-condensing)</td>
<td>5 – 95%</td>
<td>0 – 5,000 m (16,400 ft.)</td>
<td>0 – 12,192 m (40,000 ft.)</td>
</tr>
</tbody>
</table>

| Mercury-free LED display backlighting | Yes, Mercury-free LED backlighting |
| Arsenic-Free Display Glass | Yes |
| Low Halogen* | Yes |

**NOTE:** External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

#### Agency Approvals and Certifications

- WW certificate

#### Microsoft WHQL Certification

- Win 10, Win 8, Win 7

#### China Energy Label

- CEL Grade 1

#### SmartWay Transport Partnership - NA only

- Yes (NA SKU)

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**Note:** DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

#### Unit Product/Package Specifications

| Product Dimensions (Unpacked with stand) (W x D x H) | 53.94 x 20.7 x 49.49 cm | 21.24 x 8.15 x 19.48 in |
| Product Dimensions (Packed) (W x D x H) | 61.1 x 22.3 x 39.2 cm | 24.06 x 8.78 x 15.43 in |
| Display Head Dimensions (Unpacked without stand) (W x D x H) | 53.94 x 4.7 x 32.33 cm | 21.24 x 1.85 x 12.73 in |
| Base Area Footprint (w x d mm) | 260 x 207 mm | 10.24 x 8.15 in |
| Bezel Measurements | Bottom 19.59 mm (display chin) | Bottom 0.77 in (display chin) |

| Product Weight (Unpacked with stand) | 5.7 kg | 12.54 lb |
| Product Weight (Packed) | 8.4 kg | 18.5 lb |
| Product Weight (Head Only) | 3.27 kg | 7.21 lb |

#### Pallet Information

| Pallet Dimensions (L x W x H) | 1230 x 1150 x 2089 mm | 48.43 x 45.28 x 82.24 in |
| Pallet Total Weight (L x W x H) | 40” GQ: 384 kg | 40” HQ: 476 kg |
| Container Load, 20-Foot | 460 |
| Container Load, 40-Foot | 960 |
| Container Load, 40-Foot HighQ | 1152 |

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QuickSpecs

Technical Specifications

Software Included

HP Display Assistant

What's in the box?

1 HDMI (1.8 m) 5.9 ft
1 DisplayPort™ (DisplayPort™ 1.2 (1.8 m) 5.9 ft
1 Power Cord (1.9 m) 6.2 ft
1 USB cable (1.8 m) 5.9 ft
1 QSP
1 Doc-Kit

User Guide and Warranty Languages

User Guide Languages

English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.

Warranty Languages

English, Arabic, S. Chinese, T. Chinese, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Kazakh, Korean, Norwegian, Polish, Brazilian Portuguese, Russian, Slovenian, Spanish, Swedish and Turkish.
### Change Log

<table>
<thead>
<tr>
<th>V1 to V2</th>
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<tbody>
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