HP Pavilion 27 Quantum Dot Display

It's not what you see, it's how you see it. Your life in a billion colors.

Create, edit and stream with cinema-quality entertainment at home thanks to innovative Quantum Dot on Glass technology. Get modern design and true-to-life colors in HP's thinnest-ever Quad HD display.

Product overview
• Cinema-quality display: This Quad HD Quantum Dot on Glass display gives you movie theater quality visuals at home. Create, edit and stream in more than a billion vibrant colors and stunning clarity. (1)
• Beautifully thin: At 6.5mm, this is the thinnest display HP has ever made, thanks to breakthrough Quantum Dot on Glass technology. Ultra-thin, 3-sided micro-edge display gives you more screen without the distracting bezel for stunning views on-screen and on-desk.
• The difference is clear: Experience true-to-life picture with stunning HDR technology that creates remarkable image clarity and color range. (7) With deeper contrast and greater color accuracy, your content has never been this immersive.

Key specifications
• Viewable image area: 27-inch display, diagonally measured
• Aspect ratio: 16:9
• Contrast: Dynamic Ratio 5M:1 (10)
• Resolution: 2560 x 1440 (QHD) (1)
• Connectivity: 1 x DisplayPort™ 1.4
  1 x HDMI
  1 x USB Type-C™ video (11)
  2 x USB 3.0
• Exterior color: Sparkling black

Product features
• Versatile connection options: Features a variety of connectivity options including USB-C™ video, DisplayPort™, HDMI and USB 3.0. Effortlessly connect all your favorite devices, while staying ahead of the ever-changing tech curve. (11)
• Quad HD display: Ultra-sharp details and captivating definition with 3.7 million pixels. (10)
• Quantum Dot Technology: Quantum dot technology is the manipulation of micro-crystals that generates over a billion color variations, so what you see is unbelievably vibrant and lifelike.
• Quantum Dot on Glass: Trillions of tiny cadmium-free quantum dots deliver rich, vibrant color while using less energy than other display technologies. (10)
• HDR display technology: Expands color range capabilities and enhances contrast, meaning your HDR content always appears vivid and unbelievably life-like. (7)

Additional product features
• 3 Sided Micro Edge: With virtually no bezel encircling the display on three sides, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.
• PLS Panel: PLS technology brings you clear views from almost any angle. Every seat is the best seat in the house.
• DCI P3 90% color space: Experience an incredibly wide range of vibrant, realistic colors with the DCI-P3 color gamut.
• Off the desk and on the wall: The display is equipped with standard VESA mounting for showcasing on a wall.
• AMD FreeSync™ technology: See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD FreeSync™ makes display stutter, input lag, and screen tears ancient history. (2)
• Share the panoramic view: Vibrant detail from practically any position with consistent color and image clarity maintained across an ultra-wide 178° horizontal and vertical viewing angles.
• Seamless visuals: Smooth and quick 5 milliseconds gray-to-gray transitions (with overdrive).
• Low Blue Light: Using the Low Blue Light mode subtly shifts your display’s colors to a warmer spectrum, while making whites more natural and putting less strain on your eyes.

Environmentally conscious
• Energy efficient design and components help reduce power consumption and energy costs.

Warranty and support
• Peace-of-mind coverage: Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply. (8)
<table>
<thead>
<tr>
<th>Monitor specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel type</td>
<td>PLS Quantum Dot Panel</td>
</tr>
<tr>
<td>Viewable image area</td>
<td>27-inch display, diagonally measured</td>
</tr>
<tr>
<td>Viewing angle</td>
<td>Horizontal: 178°  Vertical: 178°</td>
</tr>
<tr>
<td>Surface treatment</td>
<td>Anti-glare panel</td>
</tr>
<tr>
<td>Bezel</td>
<td>3-sided micro-edge bezel</td>
</tr>
<tr>
<td>Native resolution</td>
<td>2560 x 1440 @ 60 Hz</td>
</tr>
<tr>
<td>Panel bit depth</td>
<td>8 bit</td>
</tr>
<tr>
<td>Aspect ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>Static Ratio: 700:1  Dynamic Ratio: 5M:1</td>
</tr>
<tr>
<td>Brightness (typical)</td>
<td>400 nits</td>
</tr>
<tr>
<td>Color gamut</td>
<td>DCI P3 90% (min)  DCI P3 93% (typical)</td>
</tr>
<tr>
<td>Factory Color Presets</td>
<td>Standard, Gaming, Cinema, Vivid, Warm, Cool, Native, Low Blue Light, Night, Reading, RGB Gain Control</td>
</tr>
<tr>
<td>Low blue light mode</td>
<td>Yes</td>
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<tr>
<td>Pixel pitch</td>
<td>0.233 (H) mm x 0.233 (V) mm  108.79 PPI</td>
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<tr>
<td>Panel active area</td>
<td>596.74 x 335.66 mm  23.49 x 13.21 in</td>
</tr>
<tr>
<td>Recommended refresh rate</td>
<td>2560 x 1440 @ 60Hz</td>
</tr>
<tr>
<td>Scan range</td>
<td>Horizontal: 30 to 100 KHz  Vertical: 46 to 75 Hz</td>
</tr>
<tr>
<td>Response time</td>
<td>Typical: 14 ms (rise + fall)  Average: 5 ms GtG with overdrive</td>
</tr>
<tr>
<td>Variable sync support</td>
<td>AMD FreeSync™</td>
</tr>
<tr>
<td>Connectivity</td>
<td>1 x DisplayPort™ 1.4  1 x HDMI  1 x USB Type-C™ video  2 x USB 3.0  HDCP Support (DisplayPort, HDMI, USB-C)</td>
</tr>
<tr>
<td>Power supply</td>
<td>External 19.5 Vdc / 4.62A~90W</td>
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<tr>
<td>Maximum power consumption</td>
<td>90W</td>
</tr>
<tr>
<td>Energy saving/standby mode</td>
<td>0.5W</td>
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<tr>
<td>Tilt</td>
<td>-5 to +25 degrees</td>
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<tr>
<td>Base area footprint</td>
<td>11.04 in x 7.0 in  280.5 mm x 178.0 mm</td>
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<tr>
<td>Detachable base</td>
<td>Yes, ships detached</td>
</tr>
<tr>
<td>VESA mounting</td>
<td>100 mm with VESA bracket included</td>
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<tr>
<td>Security lock ready</td>
<td>Yes</td>
</tr>
<tr>
<td>Unpackaged dimensions</td>
<td>24.15 in (W) x 7.0 in (D) x 17.31 in (H)  61.33 cm x 17.8 cm x 43.96 cm</td>
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<tr>
<td>Unpackaged weight</td>
<td>10.15 lb  4.6 kg</td>
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<tr>
<td>Packaged dimensions</td>
<td>27.3 in (W) x 5.9 in (D) x 20.7 in (H)  69.3 cm x 15.0 cm x 52.5 cm</td>
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<tr>
<td>Packaged weight</td>
<td>16.3 lb  7.4 kg</td>
</tr>
</tbody>
</table>

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Environmental features

- **LED backlights**: Mercury-free LED backlighting
- **Backlight lamp life**: 40K hours
- **Arsenic-free**: Arsenic-free display glass
- **Low halogen**: Low-voltage halogen design
- **Certifications**: Energy Star® qualified
- This product carries the TCO Certified designation

Accessories & warranty

- **What’s in the box**: A/C power cable 6.2 ft (1.9m)  External power adapter (90W)  HDMI cable 5.9 ft (1.8m)  VESA mount adapter  Documentation
- **Limited warranty**: Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply.

Additional information

- **Product number**: 5DQ99AA#ABA
- **Ad embargo date**: 02/24/2019
- **UPC Code**: 193015574700
- **Country of origin**: China
- **Tariff number**: 8528510000
- **Pallet information**: Configuration A: Dimensions: 700 mm x 1060 mm x 2110 mm Total weight: 464.91 lb / 211.07 kg Layers: 4 Products per layer: 7 Total products per pallet: 28 Configuration B: Dimensions: 700 mm x 1210 mm x 2110 mm Total weight: 530.95 lb / 241.05 kg Layers: 4 Products per pallet: 32

Certifications

- **Energy Star® qualified**
- **Low Halogen**
- **LVHS**
- **TCO Certified**
- **EMC Directive 2004/108/EC**
- **Energy Star®**
- **Energy Efficiency Labelling**
- **Plastic Packaging**
- **PSB**
- **CEE**
- **SABS**
- **UL**
- **CE**
- **C-Tick**
- **ICES**
- **FCC**
- **GS**
- **KCC**
- **BIS**
- **MEPS**
- **WEEE**
- **Korea E-MARK**
- **Japan E-MARK**
- **Japan VCCI**
- **NOM**
- **PSB**
- **TUV-S**
- **ISO 9241-307**
- **Japanese**, **T-Chinese**, **S-Chinese**
- **English**, **Spanish**, **German**, **French**, **Italian**, **Portuguese**, **Japanese**, **T-Chinese** and **S-Chinese**

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