ProductSheet
HP E45c G5 DQHD Curved Monitor (6N4C1AA)

Crafted to Captivate

Uniquely designed to deliver incredible immersion and expansive flexibility, the HP E45c G5 DQHD Curved Monitor augments what's possible, so there's nothing between you and your best. Stylishly crafted with your comfort and the planet in mind, this ultrawide display is a powerhouse of productivity.

A View Beyond Imagination
Replace two QHD monitors with this one massive, 44.5" diagonal, dual QHD curved monitor, but keep the benefits of two distinct displays. With Virtual Dual Display, split the monitor into two, so you can screen share a presentation that everyone can see on one screen and interact with your audience or content on the other[1]. Plus, you can connect 2 different computers and simultaneously view and work between them with HP Device Bridge 2.0[2].

Simple, Powerful Connections
When you're working from home one day and the office the next, free yourself, your desk and your laptop from a mess of cables by simply connecting one USB-C® cable that connects your display and all your accessories—from webcam to keyboard—all while charging your laptop up to 100W. When you need to connect two devices, the two USB-C® ports distribute power with one port up to 65W power to each PC or 100W power to one PC and 30W power to a tablet or phone.

Comfort that Works for You
When doing your best relies on feeling your best, physical and viewing comfort is key. Easily find all-day comfort with 3-way adjustability optimized by the step-by-step Ergonomic Setup Guide[3]. See comfortably from day to night with the ambient light sensor that automatically adapts display brightness to fit your surroundings, and enjoy added comfort with HP Eye Ease, enhanced with a 165Hz refresh rate[4].

Featuring

Ergonomic Setup Guide
Achieve all-day comfort when you apply the best practices from the Ergonomic Setup Guide. [3]

Enhanced Viewing featuring HP Eye Ease
Experience enhanced viewing with comfort and screen performance. HP Eye Ease, an always-on, low-blue light filter, helps keep your eyes comfortable throughout the day by reducing blue light without impacting color--now enhanced with a 165Hz refresh rate. [4]

Ambient Light Sensor
Automatically adjusts your screen's brightness to the lighting of your environment for comfortable viewing.

Virtual Dual Display
Create two virtual unique workspaces that act like two distinct displays. [1]

Dual QHD Resolution
Get lost in the pixel density of two QHD screens for stunning definition.

Specifications

Display size (diagonal)	44.5"
Panel technology	VA
Aspect ratio	32:9[1]
Native resolution	DQHD (5120 x 1440)[1,2]
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; 1920 x 1200; 2560 x 1440; 3440 x 1440; 5120 x 1440
Pixel pitch	0.21 x 0.21 mm
Brightness	400 nits[1]
Contrast ratio	3000:1[1]
Response time (typical)	3ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	42.7 x 5.6 x 13.21 in *(without stand)*
Weight	32.18 lb *(with stand)*
Display features	On-screen controls; Single Power ON; Anti-glare; 1500R curvature; Height adjustable; AMD Freesync™ Premium; Integrated speakers; HP Eye Ease; Virtual dual display; Device Bridge 2.0; Ambient light sensor
Onscreen controls	Management; Information; Input; Color; Image; Power; Menu; Brightness+; Spilt Screen
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-250 KHz
Display scan frequency (vertical)	48-165 Hz
Power	100 - 240 VAC 50/60 Hz
Power consumption	275 W (maximum), 55 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH
Sustainable impact specifications	Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Contains ocean-bound recycled plastic; 80% ITE-derived closed loop plastic; At least 15% recycled metal
Certifications and compliances	BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; FCC; ISO 9241-307; KC/KCC; Korea MEPS (E-standby); Microsoft WHQL Certification; NOM; PSB; TCO Certified; TCO Certified Edge; TUV-S; UL/CSA; VCCI; WEEE; ISC; ICE; UAE; TGM; Ukraine certificates; NRCS; PSE
Physical security	Security lock-ready[10]
Management Software	HP Display Center; HP Display Manager
UPC number	196786293849
What's in the box	Monitor; Warranty card; Quick Setup Poster; AC power cord; 2 USB Type-C® to Type-C® cable[9]

Top Recommended Displays, Accessories and Services

Personal Systems Commercial Care Pack Services

HP 4y Next Business Day Response Advanced Exchange Extra Large DisplayHardware Support	U0J14E
HP 5y Next Business Day Response Advanced Exchange Extra Large DisplayHardware Support	U0J15E

Messaging Footnotes

[1] Host PC requires USB-C® (Alt Mode DisplayPort™) connection to enable Virtual Dual Display.

[2] HP Device Bridge 2.0 works with two computers and is compatible with Windows 10 and higher and MacOS 10.14 and higher platforms.

[3] Ergonomic Setup Guide is available through HP Display Center. Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

[4] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Technical Specifications Footnotes

[1] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[2] DisplayPort™ 1.4 or HDMI 2.1 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 5120 x 1440 at 165 Hz with 8-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 5120 x 1440 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the preferred mode.

[9] Included cables may vary by country.

[10] Lock sold separately.

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