



HP P32u G5 QHD USB-C Monitor (64W51AA)

Overview



Powerful Productivity

Accelerate your productivity with this massive, 31.5-inch diagonal monitor. Experience the stunning views via QHD and 99 % sRGB and the power of USB-C® connectivity. Along with the modern and functional design, it's never been easier to get more done.

One Connection to Power it All

Take advantage of the fast USB-C® connection to power through your workday. With a single cable, this monitor delivers video, data for up to 3 USB-A accessories or devices, and 65W charging to your laptop, so nothing slows you down.

Form Meets Function

Clear your mind with a well-designed, intuitive monitor. Keep the focus on your screen through the sleek, 3-sided micro-edge bezel, neat cable management, and slim stand with adjustable height and tilt, or stay in your flow by easily changing settings with the Joypad OSD button or manage options and updates directly on-screen with HP Display Center[2] and HP Display Manager[3].

See and Hear it All in Stunning Detail

Enjoy a seamless experience complete with stunning, colorful views and clear sounds. This IPS monitor boasts QHD resolution, 75Hz refresh rate[1], and 99 % sRGB for colorful, sharp images and smooth, vivid videos, while the built-in dual speakers provide full, distinct audio.

Reduce. Repurpose. Recycle.

To do more for the planet, we are helping to close the loop by repurposing IT equipment in our newest EPEAT® registered[4] and ENERGY STAR monitors. To go above and beyond, these monitors contain 85% recycled plastics solely from recycled ITE plastics[5]. Plus, this monitor ships in 100% recyclable packaging[6].

Features

75 Hz Refresh Rate

Experience smooth, life-like video and clear detail with a 75 Hz refresh rate that provides fluid movement from frame to frame.^[1]

3-Sided Micro-Edge Bezel

See and do more on your screen with a 3-sided micro-edge bezel that maximizes your viewing area for a sleek design and virtually seamless dual-monitor setups.

Easy Joypad OSD Button

It's never been easier to configure your display with the Joypad OSD button to adjust brightness, resolution, and volume.

Low Blue Light Mode

Keep your eyes comfortable with subtly warmer display colors onscreen.

With the Environment in Mind

Meeting the latest standards with EPEAT® registered, ENERGY STAR® and TCO certifications.^[4]

Thoughtful Product Packaging

We use 100% recyclable packaging that meets recycling requirements, so it can stay out of the landfill.^[6,7]

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

[2] Host PC requires Windows 10 or higher. HP Display Center is available on the Microsoft store.

[3] HP Display Manager software agent must be running on a web server and host PC. Some limitations may apply to legacy monitors.

[4] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

[5] ITE Derived Closed Loop Plastic percentage is based on the definition set in the IEEE 1680.1-2018 standard.

[6] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

[7] Recycling facilities not available in all locations.

Specifications

Display size (diagonal)	31.5"
Panel technology	IPS
Display size (diagonal)	80 cm (31.5")
Aspect ratio	16:9 ^[1]
Native resolution	QHD (2560 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
Pixel pitch	0.27 x 0.27 mm
Brightness	350 nits ^[1]
Contrast ratio	1000:1 ^[1]
Response time (typical)	5ms GtG (with overdrive) ^[1]
Minimum dimensions (W x D x H)	71.44 x 5.4 x 42.4 cm (Without stand.)
Minimum dimensions (W x D x H)	28.13 x 2.13 x 16.69 in (Without stand.)
Dimensions With Stand (W x D x H)	71.44 x 22.53 x 56.97 cm
Weight	8.29 kg (With stand.)
Weight	18.28 lb (With stand.)
Display features	On-screen controls; Low blue light mode; Dual speakers (2W per channel); Anti-glare
Onscreen controls	Power control; Brightness; Exit; Menu control; Input control; Information; Color control; Image control; Management
Display colors	Up to 16.7 million colors supported
Display scan frequency (horizontal)	30-120 kHz
Display scan frequency (vertical)	48-75 Hz
Power	100 - 240 VAC 50/60 Hz
Power consumption	160 W (maximum), 35 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; 85% ITE-derived closed loop plastic; Low Halogen

Certifications and compliances

Argentina S-Mark; Australia MEPS; CB; CE; CECP; CEL; CEL Grade 1; China CCC; cTUVus; EAC; ENERGY STAR®; ErP; EUP Lot-6; FCC; ICES; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea e-standby; Microsoft WHQL Certification; NOM (Mexico); PSB for Singapore; RCM; RoHS; SEPA; Taiwan BSMI; TCO Certified; TCO Certified Edge; TUV Bauart; VCCI; Vietnam MEPS; ISC; Low blue light; EUP Lot-26; EU RoHS; Ukraine Energy label; California Energy Commission (CEC); South Africa Energy; Mexico Energy; WW application; Ukraine certificates; NRCS of South Africa; TÜV Flicker free certified; India BIS

Physical security	Security lock-ready ^[9]
Management Software	HP Display Center; HP Display Manager
UPC number	196548135509
What's in the box	Monitor; Warranty card; Quick Setup Poster; Doc-kit; 1 USB Type-C® to Type-C cable; AC power cord ^[8]

Additional specifications

Additional information about HP in the countries	hp.com
Backlight type	Edge-lit
Bezel	3-sided borderless
Color gamut	99% sRGB
Curvature	Flat
Datasheet photo 1	AHID/7ff2468a261766da4ef0f28584158259e295cc5c
Datasheet photo 3	AHID/8da1dd5fee0c402c954fd89b323c2001cb28ede5
Datasheet photo 4	AHID/f71c94845edebab64db7fec09744cfa7c54e9af5
Datasheet photo 5	AHID/e9c425d34254d8337caec28c565091d1cb690474
Detachable stand	Yes
Display area (imperial)	27.48 x 15.46 in
Display area (metric)	69.81 x 39.27 cm
Display contrast ratio (dynamic)	8000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy star certified	ENERGY STAR® certified
Flicker-free	Yes (TÜV certified)
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Horizontal viewing angle	178°
Low blue light	Yes (TÜV certified)
Non-Operating Humidity Range	5 – 95 %
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	82.8 x 16.3 x 52.4 cm
Package dimensions (W x D x H)	32.6 x 6.42 x 20.63 in
Package weight	11.66 kg
Package weight	25.71 lb
Panel bit depth	8 bit
Pixels per inch (ppi)	93 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	28.13 x 8.87 x 22.43 in
Resolution (maximum)	QHD (2560 x 1440 @ 75 Hz)

Screen treatment	Anti-glare
Speaker output power	2 x 2 W
Tilt	-5 to +20°
UNSPSC code	43211902
USB Type-A	3 SuperSpeed USB Type-A 5Gbps signaling rate
USB Type-C® video input	1 SuperSpeed USB Type-C® 5Gbps signaling rate (up to 65W USB Power Delivery, Alt Mode DisplayPort™ 1.2)
VESA mounting	100 mm x 100 mm ^[11]
Vertical viewing angle	178°

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

[2] DisplayPort™ 1.2 or HDMI 1.4 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 1920 x 1080 at 75 Hz with 8-bit color using one DisplayPort™, HDMI. The video card of the connected PC must be capable of supporting 1920 x 1080 and include one DisplayPort™ or one HDMI outputs to drive the monitor at the Preferred Mode.

[8] Included cables may vary by country.

[9] Lock sold separately.

[11] Mounting hardware sold separately.

Services

HP Care Pack Services

★ : Recommended

Personal Systems Commercial Care Pack Services

HP 4y Next Business Day Response Advanced Exchange Large DisplayHardware Support	U0J12E ★
HP 5y Next Business Day Response Advanced Exchange Large DisplayHardware Support	U0J13E ★
HP 1y Post Warranty Next Business Day Response Advanced Exchange DisplayHardware Support	U0J16PE

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

HP B550 PC Mounting Bracket	16U00AA
HP Quick Release Bracket 2	6KD15AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA
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Cabinets and Stands

Monitor Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA
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