HP E24u G4 FHD USB-C Monitor (189T0AA)

Overview

Enhance your viewing experience and power your PC

Enjoy an enhanced viewing experience and make the most of your desk space by charging your PC with a single USB-C® cable straight from your monitor. Work comfortably through your day on the HP E24u G4 FHD USB-C Monitor, with optimized ergonomics, HP Eye Ease, and Full HD resolution. Make life easy for IT with remote manageability[1].

Single connection that charges your PC

Clear the cord clutter by connecting your accessories via the integrated USB hub and charge your laptop with a single USB-C® cable. Single power-on means you turn on both the monitor and laptop at the touch of a button[2].

Personalize your view

Find your most comfortable viewing angle with 4-way ergonomic adjustability. See more of your work on the 3-sided micro-edge, 23.8-inch diagonal screen and get crisp visuals in Full HD resolution.

Total comfort begins with HP Eye Ease

Experience exceptional vibrancy and work comfortably through your day with HP Eye Ease, the always on low blue light filter that reduces blue light exposure with zero impact to true color accuracy.

Responsibly Made

Make a conscious choice with this monitor that's been built with the environment in mind. Its plastics consist of over 80% recycled materials[3] plus it has 100% sustainably sourced and recyclable packaging[4]. It is ENERGY STAR® certified and EPEAT® registered[5].

Features

All the ports you need

Connect devices with four USB ports or HDMI and easily daisy-chain additional monitors with DisplayPort™.[6]

Easily mount your Mini

Mount your HP Desktop Mini PC directly on the column stand using the optional HP B300 PC Mounting Bracket for a clutter-free workspace.[7,9]

HP Display Center for personalization and protection

Protect your monitor from theft with the intuitive HP Display Center software that lets you personalize your settings, partition screens, and dim the screen if your monitor is disconnected without approval.[8]

Add optional audio

Customize a total solution with the HP S101 Speaker Bar which attaches easily to the lower bezel to add stereo audio on your monitor.[9]

Works With Chromebook Certified

The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.[10,11]

3-year limited warranty

3-year limited warranty includes technical support, diagnostic services, and hardware replacement.

---

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

[2] Power delivery through USB-C® up to 65 watts.

[3] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

[4] 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.

[5] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[6] HDMI and DisplyPort™ cables sold separately.

[7] Mounting hardware sold separately.

[8] Requires Windows 10 on host PC.

[9] Sold separately.

[10] Google tested to meet Chromebook compatibility standards.

[11] The Works With Chromebook badge on a device means it's optimized to work with your Chromebook and other Chrome OS devices. Enjoy a seamless experience across Works With Chromebook certified accessories.

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9[1]
Native resolution	FHD (1920 x 1080)[1]
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 800; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600
Pixel pitch	0.274 mm
Brightness	250 nits[1]
Contrast ratio	1000:1[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	53.94 x 4.7 x 32.33 cm *(Without stand.)*
Minimum dimensions (W x D x H)	21.24 x 1.85 x 12.73 in *(Without stand.)*
Dimensions With Stand (W x D x H)	53.94 x 20.7 x 49.49 cm
Weight	6.3 kg *(With stand.)*
Weight	13.89 lb *(With stand.)*
Display features	Language selection; On-screen controls; Pivot rotation; Single Power ON; Anti-glare; Height adjustable; Works With Chromebook Certified
Display Input Type	1 USB Type-C™ (Alternative mode DisplayPort™ 1.2, power delivery up to 65 W); 1 DisplayPort™ 1.2-out (with HDCP support); 1 HDMI 1.4 (with HDCP support); 1 DisplayPort™ 1.2 in (with HDCP support); 4 USB-A 3.2 Gen 1
Onscreen controls	Exit; Information; Management; Power control; Input control; Menu control; Brightness+; Image; Color
Display colors	Up to 16.7 million colors supported (through FRC technology)
Display scan frequency (horizontal)	30-80 KHz
Display scan frequency (vertical)	50-60 Hz
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	131 W (maximum), 22 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing

Sustainable impact specifications	Arsenic-free display glass; Low halogen; Mercury-free display backlights; TCO Certified; TCO Certified Edge
Certifications and compliances	Australian-New Zealand MEPS; BIS; BSMI; CB; CCC; CE; CECP; CEL; cTUVus; EAC; ENERGY STAR®; FCC; GS Mark; ISO 9241-307; KC/KCC; NOM; PSB; SEPA; TCO Certified; TCO Certified Edge; TUV-S; UL/CSA; VCCI; Vietnam MEPS; WEEE; ISC; WW application; ICE; UAE
Physical security	Security lock-ready[2]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 195122123918; (A2N) 195122123925; (AB0) 195122123932; (AB1) 195122123949; (AB2) 195122123956; (AB4) 195122123963; (ABA) 195122123970; (ABB) 195122123987; (ABG) 195122123994; (ABJ) 4580511760724; (ABT) 195122124014; (ABU) 195122124021; (ABV) 195122124038; (ABY) 195122124045; (ACJ) 195122124090; (ACQ) 195122124120; (AKL) 195122124144; (AR6) 195122124168; (UUF) 195122124175; (UUZ) 195122124205
What's in the box	Monitor; USB Type-C™ cable; QSP; Doc-kit; AC power cord[4]

Additional specifications

Backlight type	Edge-lit
Bezel	3-sided micro-edge
Card reader	No
Color gamut	72% NTSC
Curvature	Flat
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.7 x 29.65 cm
Display contrast ratio (dynamic)	5000000:1
DisplayPort™	1 DisplayPort™ 1.2
DisplayPort™ Out	1 DisplayPort™ 1.2-out
Ethernet	No
Flicker-free	Yes
HDCP	Yes, DisplayPort™ and HDMI
HDMI	1 HDMI 1.4
Hardness	3H
Height adjustment range	150 mm
Horizontal viewing angle	178°
Integrated privacy filter	No
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Microphone	No
Non-Operating Humidity Range	5 - 95%
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	24.06 x 8.78 x 15.43 in
Package dimensions (W x D x H)	61.1 x 22.3 x 39.2 cm
Package weight	8.89 kg
Package weight	19.56 lb
Panel bit depth	8 bit (6 bit + 2 FRC)
Pixels per inch (ppi)	93 ppi
Power supply type	Internal
Product dimensions with stand (W x D x H)	21.24 x 8.15 x 19.48 in
Recommended resolution	FHD (1920 x 1080 @ 60 Hz)
Resolution (maximum)	FHD (1920 x 1080 @ 60 Hz)

Screen treatment	Anti-glare
Speakers	No
Tilt	-5 to +23°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
USB Type-A	4 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
Vertical viewing angle	178°
pivot	±90
swivel	±45°

---

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

[2] Lock sold separately.

[4] Included cables may vary by country.

Accessories

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

★ : Recommended

Mounting Kits

HP B300 PC Mounting Bracket	2DW53AA
HP Single Monitor Arm	BT861AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA

Cabinets and Stands

Monitor Stands

HP Integrated Work Center for Desktop Mini and Thin Client	G1V61AA

Audio/Multimedia and Communication Devices

Speakers

HP S101 Speaker Bar	5UU40AA

Disclaimer — Copyright

USB-C® is a registered trademark of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ENERGY STAR® is a registered mark owned by the U.S. government. EPEAT® is a registered trademark of GREEN ELECTRONICS COUNCIL.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.