



HP E24mv G4 FHD Conferencing Monitor (169L0AA)



Overview

Present Your Best Self

Make a great impression on video calls on this 23.8-inch full HD conferencing monitor. The integrated, 5MP tilt-adjustable pop-up webcam displays a sharp, detailed picture – even in low light – and the built-in speakers and mic produce clear, life-like sound. Everything you need to present your best self on every call. [1]

Look Great. Sound Great.

Say goodbye to blurry images or muffled sound on video calls. With speakers and a mic that produce full, rich sound and a 5MP webcam with 25 degrees of tilt adjustability for perfect angles, pop-up action for privacy, and improved Windows Hello support, you'll present your best on every call.

Endless Adjustability

Work effortlessly with 4-way ergonomics that help keep your neck, shoulders, and back comfortable throughout the day. Customize tilt, height, swivel and pivot settings to fit you, your desk, and your needs, and you'll easily see the FHD monitor and 3-sided Micro-Edge 23.8-inch diagonal screen perfectly from virtually any viewing angle.

Enhanced Viewing Comfort

Much of our world operates on screens now, so working long hours in front of a monitor can be tiring and impactful to productivity. HP Eye Ease with TÜV Rheinland Hardware Low Blue Light Certification helps keep you comfortable throughout your day by reducing blue light without the yellow color shift.

Environmentally Aware. Responsibly Made.

Choose a monitor that not only scores high for its functionalities, but also low for its environmental impact. Its plastics consist of over 80% recycled materials[2], and its recyclable packaging is 100% sustainably sourced[3]. Additionally, this monitor is ENERGY STAR® certified and EPEAT® registered[4].

Features

More Ports. More Flexibility.

Packed with ports including HDMI, DisplayPort™, USB-B plus four USB ports.^[5]

Personalized and Protected

Personalize brightness and color settings or set up security protocols all without the OSD. With HP Display Center installed, you have the control.^[6]

Remote Management Reimagined

HP Display Manager makes remote management of the monitor easy. Simplify deployment, asset tracking, and remotely control monitor settings, like turning the power off.^[7]

3-year Limited Warranty

Get peace of mind with a 3-year warranty.

[1] Based on HP's internal analysis of monitor series with webcams. Most advanced based on physical integration, camera angle tile, Windows Hello IR sensor, minimum 5MP and as privacy pop-up as of 5/28/2021.

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

[3] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

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

[5] Comes with DisplayPort™, HDMI, USB-B to A cables and Power Cord.

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

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

Specifications

Display size (diagonal)	23.8"
Panel technology	IPS
Display size (diagonal)	60.45 cm (23.8")
Aspect ratio	16:9
Native resolution	FHD (1920 x 1080) ^[1]
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
Pixel pitch	0.274 mm
Brightness	250 nits ^[1]
Contrast ratio	1000:1
Response time (typical)	5ms GtG (with overdrive) ^[1]
Minimum dimensions (W x D x H)	53.94 x 4.7 x 35.56 cm (Without stand.)
Minimum dimensions (W x D x H)	21.23 x 1.85 x 17.78 in (Without stand.)
Dimensions With Stand (W x D x H)	53.94 x 21.6 x 53.07 cm
Weight	6.5 kg (With stand.)
Weight	14.3 lb (With stand.)
Display features	On-screen controls; Low blue light mode; Dual speakers (2W per channel); Anti-glare; IR webcam; Height Adjust/Tilt/Swivel/Pivot
Display Input Type	1 VGA; 1 HDMI 1.4; 1 DisplayPort™ 1.2; 4 USB-A 3.1 Gen 1
Onscreen controls	Brightness; Exit; Information; Management; Menu; Power; Input control; 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
Webcam	Yes, 5MP
Power	100 - 240 VAC 50/60 Hz
Power consumption	50 W (maximum), 28 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% non-condensing

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/GS; VCCI; Vietnam MEPS; WEEE; Low blue light; WW application; UAE; Ukraine certificates
Physical security	Security lock-ready ^[2]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 195122022143; (A2N) 195122022136; (AB0) 195122022464; (AB1) 195122022471; (AB2) 195122022488; (AB4) 195122021818; (ABA) 195122021801; (ABB) 195122021795; (ABG) 195122021788; (ABT) 195122021580; (ABU) 195122021597; (ABV) 195122021603; (ABY) 195122021610; (ACJ) 195122021641; (ACQ) 195122021658; (AKL) 195122021665; (AR6) 195122021672; (UUF) 195122021689; (UUZ) 195122021696
What's in the box	Monitor; DisplayPort™ cable; HDMI cable; USB Type-A to B cable; Doc-kit; AC power cord

Additional specifications

1.	1. Security Cable Slot
1.	1. Microphones (2)
2.	2. Power Connector
2.	2. Camera Light
3.	3. RGB Lens
3.	3. DisplayPort™
4.	4. IR Lights
4.	4. HDMI Port
5.	5. Audio Buttons
5.	5. VGA Port
6.	6. USB-B Port
7.	7. USB-A Ports (2)
Additional information about HP in the countries	hp.com
Arsenic-free display glass	Yes
Audio port	1 x 3.5 mm Audio Jack (Audio Out)
Backlight lamp life	30k
Backlight type	Edge-lit
Base area footprint (imperial)	11.38 x 8.5 in
Base area footprint (metric)	288 x 216 mm
Bezel	3-sided micro-edge
Bezel measurements (imperial)	Bottom: 2.04 in
Bezel measurements(metric)	Bottom: 52 mm
Card reader	No
Certified collaboration software	Zoom
China energy label	CEL Grade 1
Color gamut	72% NTSC
Color space / subsampling support	NTSC 72% / RGB 4:4:4
Conferencing hot keys	Mic mute, Speaker Mute, Volume Up/Down
Container load, 20-foot	1000 sets (pallet) 1200 sets (slip sheet)
Container load, 40-foot	2000 sets (pallet) 2400 sets (slip sheet)
Container load, 40-foot HighQ	2400 sets (pallet) 2800 sets (slip sheet)
Count of layers in pallet	5 layers – pallet 6 layers – slip sheet

Curvature	Flat
Datasheet photo 1	AHID/3ed45f3500a715a0e280aba292efc9d5c0035747
Datasheet photo 3	AHID/7555f2ff799d401750df5e455bc4f83010f8d829
Datasheet photo 4	AHID/bf9ab2050ae545c496427c0ae82c002aecdf899d
Datasheet photo 5	AHID/5bff335405f63a3fda250a55b89c95ff65ccfafb
Default color temperature	Neutral(6500K)
Detachable stand	Yes
Display area (imperial)	20.75 x 11.67 in
Display area (metric)	52.70 x 29.65 cm
Display contrast ratio (dynamic)	5000000:1
DisplayPort™	1 DisplayPort™ 1.2
Energy Consumption Normal Operation (short idle) 230VAC, 50Hz	4.88 W
Energy consumption normal operation (long idle) 100VAC, 50Hz	3.40 W
Energy consumption normal operation (long idle) 115VAC, 60Hz	3.70 W
Energy consumption normal operation (long idle) 230VAC, 50Hz	3.37 W
Energy consumption normal operation (short idle) 100VAC, 50Hz	5.04 W
Energy consumption normal operation (short idle) 115VAC, 60Hz	5.04 W
Energy consumption off 100VAC, 50Hz	0.38 W
Energy consumption off 115VAC, 60Hz	0.37 W
Energy consumption off 230VAC, 50Hz	0.36 W
Energy consumption sleep 100VAC, 50Hz	0.91 W
Energy consumption sleep 115VAC, 60Hz	0.90 W
Energy consumption sleep 230VAC, 50Hz	0.89 W
Energy efficiency class	E
Energy saving/Stand by mode	0.5 W

Ethernet	No
Flicker-free	Yes
HDMI	1 HDMI 1.4
Hardness	3H
Haze	25%
Heat dissipation normal operation (long idle) 100VAC, 50Hz	11 BTU/hr
Heat dissipation normal operation (long idle) 115VAC, 60Hz	12 BTU/hr
Heat dissipation normal operation (long idle) 230VAC, 50Hz	14 BTU/hr
Heat dissipation normal operation (short idle) 100VAC, 50Hz	13 BTU/hr
Heat dissipation normal operation (short idle) 115VAC, 60Hz	10 BTU/hr
Heat dissipation normal operation (short idle) 230VAC, 50Hz	6 BTU/hr
Heat dissipation off 100VAC, 50Hz	5 BTU/hr
Heat dissipation off 115VAC, 60Hz	7 BTU/hr
Heat dissipation off 230VAC, 50Hz	9 BTU/hr
Heat dissipation sleep 100VAC, 50Hz	8 BTU/hr
Heat dissipation sleep 115VAC, 60Hz	15 BTU/hr
Heat dissipation sleep 230VAC, 50Hz	16 BTU/hr
Height adjustment range	150 mm
Horizontal viewing angle	178°
Integrated privacy filter	No
Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Low blue light modes	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Maximum pixel clock	170.0 MHz
Microphone	Yes
Microsoft WHQL certification	Yes
Noise emissions fixed disk - sound power	3.1
Noise emissions fixed disk - sound pressure	24
Noise emissions optical drive - sound power	4.8

Noise emissions optical drive - sound pressure	42
Noise emissions typically configured - sound pressure	23
Non-Operating Humidity Range	5 to 95%
Non-operating temperature - Celsius	-34° – 60°C
Non-operating temperature - fahrenheit	29° – 140°F
Operating altitude	0 – 5,000 m
Operating altitude	0 – 16,400 ft.
Operating temperature range	41 to 95°F
Operational mode at 115 VAC	13 W
Operational mode at 230 VAC	13.2 W
Package dimensions (W x D x H)	59.6 x 41.1 x 22.5 cm
Package dimensions (W x D x H)	23.46 x 16.18 x 8.86 in
Package weight	10.4 kg
Package weight	22.9 lb
Packaging materials external	PAPER/Corrugated, 5g
Packaging materials external footnote	[5]
Packaging materials internal	PLASTIC/EPE (Expanded Polyethylene), 5g; PLASTIC/Polyethylene low density, 10g
Packaging materials internal footnote	[4]
Pallet dimensions	45.28 x46.06 x75.08 inch (40' ft)
Pallet dimensions (W x D x H)	1150 x1170 x1907 mm (40' ft)
Pallet dimensions (slip sheet) (imperial)	45.28 x46.06 x84.37 inch (40' ft)
Pallet dimensions (slip sheet) (metric)	1150 x 1170 x 2143 mm (40' ft)
Pallet product per layer	20 sets per pallet (slip sheet & pallet)
Pallet total weight (slip sheet) (imperial)	428.389 kg (40' ft)
Pallet total weight (slip sheet) (metric)	944.43 lb (40' ft)
Pallet weight	377.426kg (40' ft)
Pallet weight	832.07 lb (40' ft)
Panel bit depth	8 bit (6 bit + 2 FRC)
Pixels per inch (ppi)	93 ppi

Power consumption (on-mode)	16 W
Power consumption - maximum	50 W
Power consumption, typical	28 W
Power supply type	Internal
Preset graphic modes/supported	640 x 480 @ 60Hz
Product dimensions with stand (W x D x H)	21.23 x 8.5 x 20.9 in
Quantity per pallet	100 sets – 40' pallet 120 sets – 40' slip sheet
QuickSpec back photo 01	AHID/8db4735b1e0160184f254de21d3672465dc7215a
QuickSpec front photo 01	AHID/c520b5dbed2101c01e841d52a8ec9d3764c6df5a
RGB channel adjust	Yes, Gain
Refresh rate	60 Hz
Remote manageability	No
Resolution (maximum)	FHD (1920 x 1080 @ 60 Hz)
Screen treatment	Anti-glare
SmartWay transport partnership	Yes (NA sku)
Speaker output power	2 x 2 W
Speakers	2
Storage altitude	0 – 12.192 m
Storage altitude	0 – 40,000 ft.
Tilt	-5 to +23°
Touch-enabled	Not touch-enabled
UNSPSC code	43211902
USB Type-A	4 SuperSpeed USB Type-A 5Gbps signaling rate
Usb b (hub enablement)	1 USB-B
User guide and 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.
User programmable modes	Yes, 10
User updateable firmware	Yes
VESA mounting	100 mm x 100 mm
VGA	1 VGA
Vertical viewing angle	178°
Warranty	3 years
Windows Hello compatible	Yes
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.

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 B300 PC Mounting Bracket	2DW53AA
HP Quick Release Bracket 2	6KD15AA
HP Single Monitor Arm	BT861AA

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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