

Technical Specifications

HP Mini-In-One 24 Display

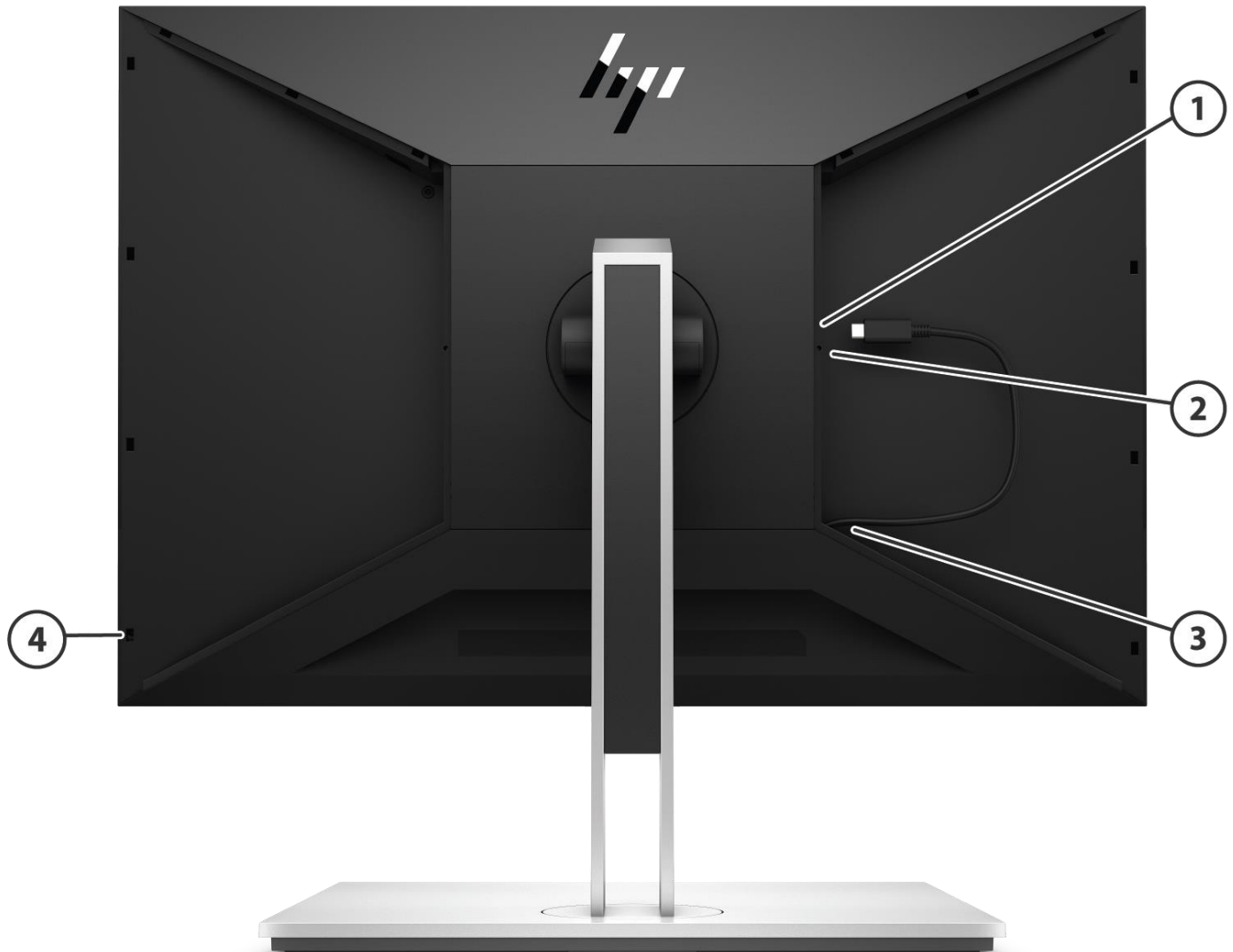


Front

- | | |
|---------------------------|---------------------|
| 1. Dual Array Microphones | 4. Function Buttons |
| 2. Full HD Webcam | 5. Power Button |
| 3. Privacy Shutter | |

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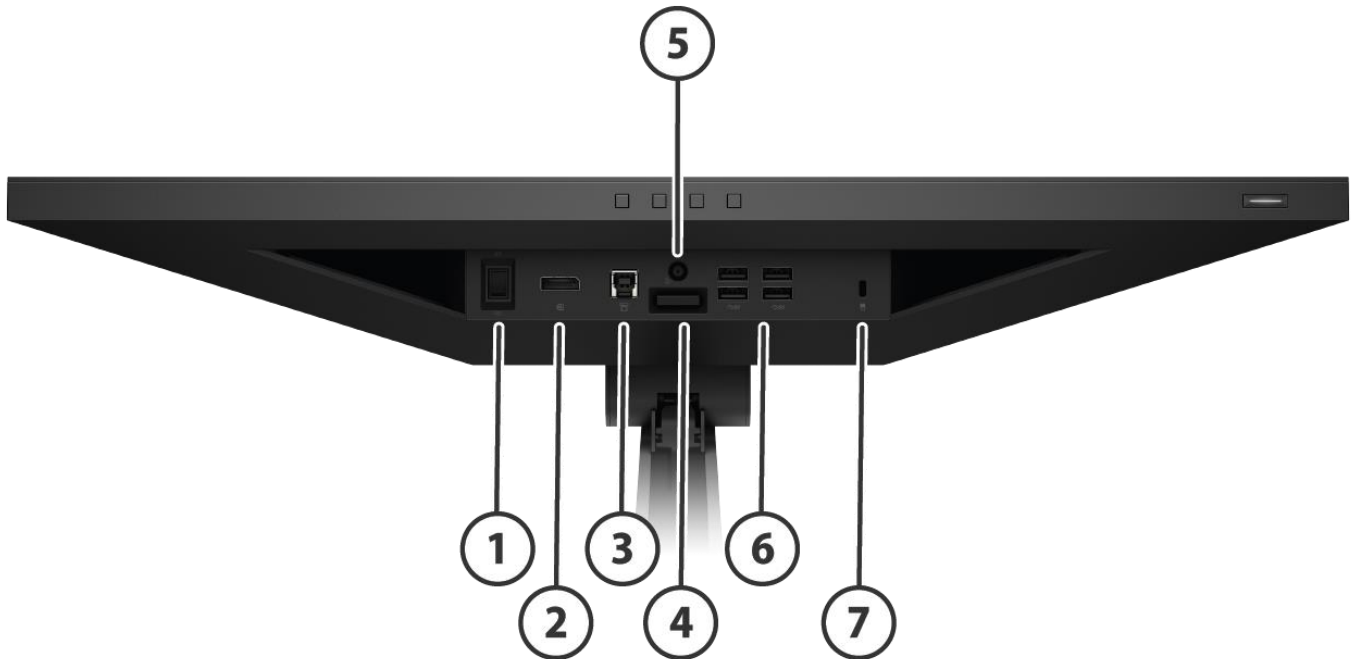
Back

- | | |
|-------------------------------------|---|
| 1. Upstream USB Type-C® Port* | 3. Permanently Attached USB Type-C® Cable |
| 2. Torx Screws (for Added Security) | 4. 2 USB 3.1 Gen 1 Type-A ports. |

*Located on the Desktop Mini Sold Separately

Technical Specifications

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Bottom components and rear ports

- | | |
|-------------------------------|--------------------------|
| 1. Master Power Switch | 5. DC Power IN Connector |
| 2. DisplayPort™ 1.2 IN Port | 6. USB Type-A Port (4) |
| 3. USB Type-B Upstream Port | 7. Security Cable Slot |
| 4. Stand Quick Release Button | |

*Sold Separately. See Desktop Mini Compatibility table for more details.

Technical Specifications

Models: 7AX23-XX

Panel Specifications	Display Size (Diagonal)	23.8 in
	Display Panel Type	IPS
	Micro-Edge Bezel	Yes, 3-sided
	Native Resolution	1920 x 1080 @60 Hz
	Panel Bit Depth	6 bit + AFRC
	Aspect Ratio	16:9
	Brightness Typical	250 cd/m ²
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	800K:1
	Flicker Free	Yes
	Pixel Pitch	0.2745 x 0.2745 mm
	Pixels Per Inch (PPI)	93.24
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	14 ms (gray-to-gray)
	Response Time - Overdrive	5 ms
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	527.04 x 296.46 mm
	Preset Graphic Modes/Supported Resolutions	640x480 @59.940Hz 800 x 600 @60.317Hz 720 x 480 @59.940Hz 1024 x 768 @60.004Hz 1280 x 720 @60.000Hz 1280 x 768 @59.995Hz 1280 x 800 @59.810Hz 1280 x 960 @60.000Hz 1280 x 1024 @60.020Hz 1366 x 768 @59.790Hz 1440 x 900 @59.887Hz 1440 x 900 @59.901Hz 1600 x 900 @60.000Hz 1600 x 1200 @60.000Hz 1680 x 1050 @59.954Hz 1920 x 1080 @60.000Hz
	Maximum Resolution	1920x1080 @ 75 Hz
	Recommended Resolution	1920x1080 @ 60 Hz
	Vertical Scan Range	50-60 HZ
	Horizontal Scan Range	30-80 kHz
	Default Color Temperature	6500 K
	Maximum Pixel Clock Speed	170 MHz

NOTE: Performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Color Gamut Coverage NTSC 72%

Color Management Default Color Temperature 6500 K

Technical Specifications

	Low Blue Light Modes	Yes
Monitor Specifications	Exterior Color of Monitor Bezel and Stand	Monitor: Black Stand: Silver
	Plug & Play	Yes
	Tilt	Yes, -5° to +30°
	Swivel	Yes, +/- 45°
	Pivot	Yes, 90°
	Height Adjustment Range	Yes, 5.7 mm - 150 mm
	VESA Mounting	Yes, 100 mm with integrated mount
	Security Lock Ready	Yes
	Detachable Base	Yes, ships detached
	Warranty	3/3/0
Multimedia	Webcam	Yes, 1080p with LED indicator and privacy shutter
	Infra-Red Sensors	No
	Windows Hello Compatible	No
	Microphone	Dual Array Microphones
	Speakers	Yes, 2
	Speakers Output Power	2 W per channel
On Screen Display (OSD)	On Screen Display User Controls	Brightness, Color, Image, Input, Power, Audio, Menu, Management, USB Host, Information, Exit
	User Programmable Modes	Low blue light, Night, Reading, HP Enhance, Multimedia, Photo, Custom
	Monitor Control Buttons or Switches	4 OSD Buttons (Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power)
	User-Assignable Function Buttons	Yes, as per OSD tree
	Audio Controls	O/S Audio Support only
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™	1
	USB Type-C™	1* Male connector for use with Desktop Mini
	HDCP support	Yes, DP & Type-C
	Audio Output	1, Headset
	Audio Input	1, Headset
USB-Type A Port Specifications	USB Version	USB 3.1 Gen 1
	USB Hub	USB 3.1 Gen 1
	Downstream Ports	6: USB 3.1 Gen 1 (2 side ports and 4 rear ports)
	Upstream Ports	1: USB 3.1 Gen 1; Type B
	Fast Charging USB Ports	1 Side
	Power Output Maximum	12.5 W
USB-Type C® Port Specifications	USB-Type C® Version	USB 3.1 Gen 1
	USB-Type C® Hub	USB 3.1 Gen 1
	Upstream USB-Type C® Ports	1 Port On Desktop Mini
	Video Support	Yes, USB-C® Alt mode – DisplayPort™ 1.2
	Power Output	19.5 V, 5.13A
	Power Output Maximum	100W Max
Special Features	KVM Switch	Yes, Keyboard/OSD-Control

Technical Specifications

Power & Operating Specs	Power Supply	External
	Power Source	100 – 240 VAC 50/60 Hz
	Power Consumption - Maximum	120 W
	Energy Saving/Standby Mode	0.5 W
	Power Consumption - Typical	50 W
	Power cable length	1.8 m
EU Energy Efficiency Class (EC1062)	Visible Screen Size	23.8", 60.452 cm diagonal
	Viewable Area	21.06" x 12.32" / 535.0 mm x 313.0 mm
Operating Conditions	Operating Temperature - Celsius	5° - 35° C
	Operating Temperature - Fahrenheit	41° - 95° F
	Non-operating Temperature - Celsius	-20° - 60° C
	Non-operating Temperature - Fahrenheit	-4° - 140° F
	Operating Humidity	20% - 80%
	Non-operating Humidity	5% - 95%
	Operating Altitude	0 - 5,000 m
	Non-operating Altitude	0 - 12,192 m
Environmental Features and Certifications	Mercury-free LED display backlighting	Yes
	Arsenic-Free Display Glass	Yes
	Low Halogen	Yes GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC) NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
	Agency Approvals and Certifications	WW application CE, CB, KC/KCC/NOM/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/CSA/PSB/ISC/CCC/CEL/CECP/SEPA/TCO/TCO Certified Edge/Energy Star/ISC/VCCI/FCC/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE
	Microsoft WHQL Certification	Yes
	ENERGY STAR® Qualified	Yes
	EPEAT® 2019 Registered*	Yes
	China Energy Label	Yes
	TCO Certified Edge	Yes
	TCO Certified	Yes, 8.0
	SmartWay Transport Partnership - NA only	Yes
<p>*Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit http://www.epeat.net for more information.</p> <p>External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.</p> <p>Note: DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.</p>		
Contains Recycled Plastics	Contains Recycled Plastics in Back Cover	Yes

Technical Specifications

	Contains Recycled Plastics in Base/Stand	Yes	
	Contains Recycled Plastics in Other Parts	Yes	
	Recyclable Plastics	Yes	
	Recyclable Packaging (Box, packing materials)	Yes, Corrugated paper	
		Metric	Imperial
Unit Product/Package Specifications	Product Dimensions (Unpacked with stand) (W x D x H)	539.6 x 242 x 503.8 mm	21.2 x 9.5 x 19.8 in
	Product Dimensions (Packed) (W x D x H)	65 x 47.3 x 31.5	25.6 x 18.6 x 12.4
	Display Head Dimensions (Unpacked without stand) (W x D x H)	539.6 x 75 x 367.6 mm	21.2 x 3 x 14.5 in
	Base Area Footprint (w x d mm)	314 x 242 mm	12.4 x 9.5 in
	Bezel Measurements	539.6 x 367.6 x 75	21.2 x 14.5 x 3 in
		Product Weight (Unpacked with stand)	7.2 kg
	Product Weight (Packed)	12.78 kg	28.18 lb
	Product Weight (Head Only)	4.06 kg	9 lb
Pallet Information	Pallet Dimensions (L x W x H)	A type: 1315 x 1280 x 120mm B type: 1315 x 965 x 120mm	A type: 51.8 x 50.4 x 4.7 in B type: 51.8 x 38 x 4.7 in
	Pallet Total Weight	A type(32units): 423.96 kg B type(24units): 318.32 kg	A type(32units): 932.6 lb B type(24units): 701.1 lb
	Pallet Layers	4	
	Pallet Product per Layer	A type: 8units/layer B type: 6units/layer	
	Total Products per Pallet	A type: SC/HC-8units/layer*4layer=32units B type: SC/HC-6units/layer*4layer=24units	
	Container Load, 20-Foot	224	
	Container Load, 40-Foot	504	
	Container Load, 40-Foot HighQ	504	
Software Included	HP Display Assistant		
Recommended Accessories*	Description	Part Number	
	HP DisplayPort Cable kit	VN567AA	
	HP Type-C USB 3.1 Gen 2 Port with 100W PD Flex IO**	6VF54AA	
	HP Wireless Premium Keyboard	Z9N41AA	
	HP Wireless Premium Mouse	1JR31AA	
	HP Wireless Business Slim Keyboard and Mouse	N3R88AA	
	HP Single Monitor Arm	BT861AA	
	*Sold separately and availability may vary by country		
	** Must be configured directly on the Desktop Mini		

Technical Specifications

**Desktop Mini*
Compatibility**

HP EliteDesk 800 G5 Desktop Mini¹
HP ProDesk 600 G5 Desktop Mini
HP ProDesk 400 G5 Desktop Mini
HP EliteDesk 705 G5 Desktop Mini²

1. Not supported with 95W processors or discrete graphics card

2. Not supported with discrete graphics card

*Desktop Mini requires USB Type-C[®] 3.1 Gen 2 with 100W Power Delivery Option Card installed in system

What's in the box?

120W AC/DC Power Adapter 138 x 68.5 x 25.4 mm (5.43 x 2.7 x 1 in)
AC Power Cord
VESA Coverplate
HP Desktop Mini PCs Sold Separately

NOTE: Included cables may vary by country.

**User Guide and
Warranty Languages****User Guide 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.

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.

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