

Technical Specifications

HP Z43 42.5-inch 4K UHD Display

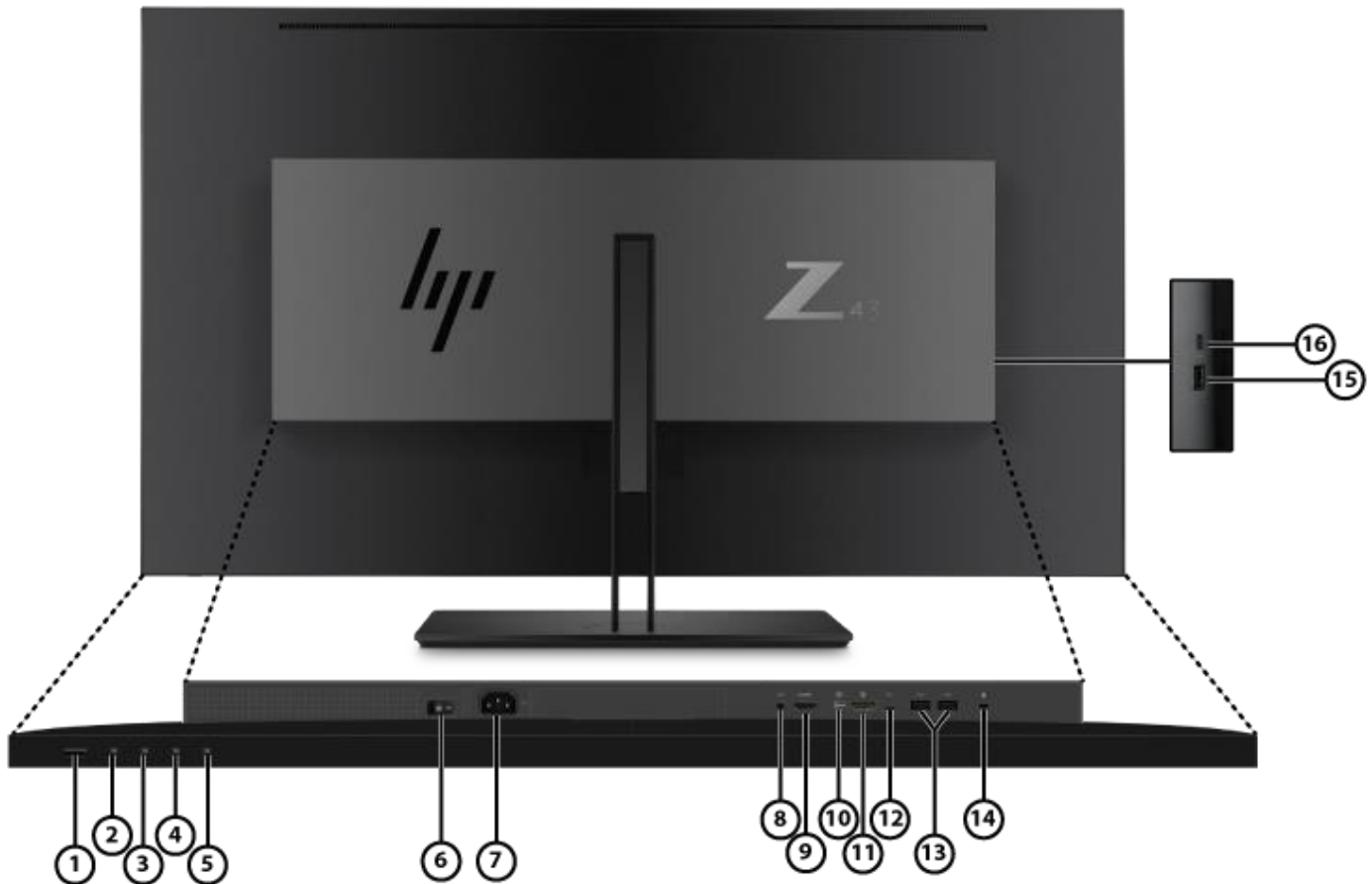


Front

1. **Power LED**

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Rear

- | | | |
|--|----------------------------------|---------------------------------|
| 1. Power Button | 7. Power Connector Port | 13. USB 3.0 Type-A Ports |
| 2. OSD Button (Viewing Modes) | 8. Audio Line Out | 14. Security Lock Slot |
| 3. OSD Button (Next Active Input) | 9. HDMI 2.0 | 15. USB 3.0 Type-A |
| 4. OSD Button (Information) | 10. Mini DisplayPort™ 1.2 | 16. USB-C™ 3.1 |
| 5. OSD Button (Menu) | 11. DisplayPort™ 1.2 | |
| 6. Power Switch | 12. USB-C™ 3.1 | |

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Models: 1AA85A4

Panel Specifications*	Display Size (Diagonal)	42.5-in
	Display Panel Type	IPS
	Native Resolution/Timing	3840×2160 @ 60 Hz
	NOTE: DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution	
	Panel Bit Depth	True 10-bit
	Aspect Ratio	16:9
	Brightness - Typical	350 cd/m ²
	Static Contrast Ratio - Typical	1000:1
	Static Contrast Ratio - Minimum	700:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Pixel Pitch	0.2451 x 0.2451 mm
	Pixels Per Inch (PPI)	104
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time – Typical	5ms ("gray to gray")
	NOTE: Product default is 8ms response time and can be adjusted to as low as 5ms in the display menu.	
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	941.184 x 529.416 mm (37.05 x 20.84 in)
	Preset Graphic Modes/Supported Resolutions	640 x 480@60Hz 720 x 400@70Hz 800 x 600@60Hz 720 x 480@60Hz 1280 x 720@60HZ 1280 x 800@60HZ 1280 x 1024@60HZ 1600 x 900@60HZ 1600 x 1200 @60HZ 1680 x 1050@60HZ 1920 x 1080@60HZ 1920 x 1200@60HZ 2560 x 1440@60HZ 3840 x 2160@30HZ
	Maximum Resolution	3840×2160 @ 60 Hz
	Recommended Resolution	3840×2160 @ 60 Hz
	Vertical Scan Range	47-63Hz
Horizontal Scan Range	121.8-140 kHz	
Maximum Pixel Clock Speed	78MHz	
Default Color Temperature	Standard (10000K)	
*All 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%
	sRGB	96%
Color Management	Factory Color Calibrated	Yes
	Factory Color Presets	Calibrated (D93),Neutral (D65)
	Default Color Temperature	D93
	Low Blue Light Modes	Yes

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Monitor Specifications	Exterior Color of Monitor Bezel and Stand Plug & Play Tilt Swivel Pivot Height Adjustment Range VESA Mounting Security Lock Ready Detachable Base Warranty Zero Bright Dot Warranty	Black Pearl Yes Yes, -5° to +10° Yes, 20° (+/- 10°) No No Yes, both 200 mm and 100 mm with included bracket Yes Yes, ships detached 3/3/0 Yes
On Screen Display (OSD)	On Screen Display User Controls User Programmable Modes Monitor Control Buttons or Switches User-Assignable Function Buttons Languages	Luminance Color Control Input Control Image Control PIP Control Power Control Menu Control Management Language Information Yes, 20 Menu, Information, Next Active Input, viewing modes, Power Yes, 3 (9 options) 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Connector Types	DisplayPort™ Mini-DisplayPort™ HDMI USB Type-C™ HDCP support Audio Output	(1) DisplayPort™ 1.2 (1) Mini DisplayPort™ 1.2 (1) HDMI 2.0 (1) USB 3.1, Gen1 Yes HDCP 2.2, (DisplayPort and HDMI) (1) Analog
USB Port Specifications	USB Version USB Hub Downstream Ports Upstream Ports Fast Charging USB Ports Power Output Maximum	3.0 Yes 4 Ports 1 Port 3 Ports 7.5W 4.5W 7.5W 15W
USB-Type C™ Port Specifications	USB-Type C™ Version USB-Type C™ Hub Upstream Downstream Video Support Power Output	USB 3.1 Gen1 / 5G bps Yes Rear: 1 Port Side: 1 Port Rear: USB-C™ Alt mode – DisplayPort™ 1.2 5V/3A 9V/3A

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		10V/5A 12V/5A 15V/4.33A 20V/3.25A Rear: 65W Max Side: 15W Max
	Power Output Maximum	
Special Features	Picture-in-Picture, Picture-by-Picture	Yes
Power & Operating Specs	Power Supply	Internal
	Power Source	90~265 Vac, 45~63 Hz
	Power Consumption - Maximum	205W
	Energy Saving/Standby Mode	0.5W
	Power Consumption - Typical	95W
	Power cable length	1.9 m
ENERGY STAR® Data	Operational Mode at 230 VAC	41.4W
EU Energy Efficiency Class (ERP Lot-5)	On-mode Power Consumption	71W
	Annual Power Consumption	104 kWh
	Energy Efficiency Class	G
	Visible Screen Size	42.5 in / 108 cm diagonal
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	29° – 140°F
	Operating Humidity	20 – 80% Relative Humidity (non-condensing)
	Non-operating Humidity	5 – 95%
	Operating Altitude	0 – 5,000 m (16,400 ft.)
	Non-operating Altitude	0 – 12,192 m (40,000 ft.)
Environmental Features and Certifications	Mercury-free LED display backlights	Yes
	Arsenic-Free Display Glass	Yes
	Low Halogen	Yes
	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	CE,CB,KC/KCC/PSB/ICE/TUV-S/ISO 9241-307/ EAC/UL/PSB/ISC/CCC/CEL/CECP/SEPA/Edge/ISC/VCCI/FCC/B SMI/WEEE
	Microsoft WHQL Certification	Win 10, Win 8, Win 8.1, Win 7
	China Energy Label	CEL Grade 1
	SmartWay Transport Partnership - NA only	Yes (NA SKU)
Contains Recycled Plastic	Back Cover	Yes
	Base/Stand	Yes
	Other Parts	Yes
	Recyclable Plastics	Yes
	Recyclable Packaging (Box, packing materials)	Yes, except EPS
	Unpacked with stand (highest setting)	Metric 97,21 x 24 x 61,9 cm Imperial 38.27 x 9.44 x 24.37 in

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Unit Product/Package Specifications	Product Dimensions (W x D x H)		
	Head Only	97,21 x 12,28 x 56,59 cm	38.27 x 4.83 x 22.28 in
	Product Dimensions (W x D x H)		
	Base Area Footprint	399,99 x 239,99 mm	9.33 x 0.43 x 8.07 in
	Product Dimensions (W x D x H)		
	Packaged	112 x 70 x 36 cm	44.09 x 27.56 x 14.17 in
	Packaged Dimensions (W x D x H)		
	Plastic Bezel Measurements	Top 14,42 mm	Top 0.567 in
		Side 14,43 mm	Side 0.567 in
		Bottom 20,02 mm	Bottom 0.788 in
	Product Weight, Packed	23,47 kg	51.7 lb
	Product Weight, Unpacked	16,95 kg	37.38 lb
	Product Weight, Head Only	12,45 kg	27.45 lb
Pallet Information	Pallet Dimensions (L x W x H mm)	735 x 1150 x 120 mm	
	Pallet Dimensions (L x W x H inch)	28.93 x 45.27 x 4.72 in	
	Pallet Total Weight (including units) kg	156,32 kg	
	Pallet Total Weight (including units) lbs	344.32 lbs	
	Pallet Layers	3	
	Pallet Product per Layer	2	
	Total Products per Pallet	6	
	Container Load, 20-Foot	96 units	
Container Load, 40-Foot	192 units		
Container Load, 40-Foot HighQ	192 units		
What's in the box?	Monitor	HP Z43 42.5-inch 4K UHD Display	
	Software included	HP Display Assistant	
	VESA Mounting Bracket	USB-C-to-C cable (1.8m) Yes	
Accessories Included	AC Power Cord	Metric	Imperial
	DisplayPort™ 1.2 Cable	1,9 m	6.2 ft
	USB-C™ to USB Type-A Cable	1,8 m	5.9 ft
Other	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.	
Service and Warranty	Protected by HP, including a 3-year standard limited warranty. Optional HP Care Pack Services are extended service contracts that extend your protection beyond the standard warranties. ¹		

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1. Care Packs are optional. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See <http://www.hp.com/go/cpc> for details.

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Change Log	
V1 to V2	“Integrated Mount” removed from Monitor specifications and VESA mounting Bracket added to What’s in the box section
V2 to V3 October 12, 2018	Added USB-C-to-C cable (1.8m)
V3 to V4 March 9, 2021	Energy Efficiency Class