

Technical Specifications

HP Z43 42.5-inch 4K UHD Display

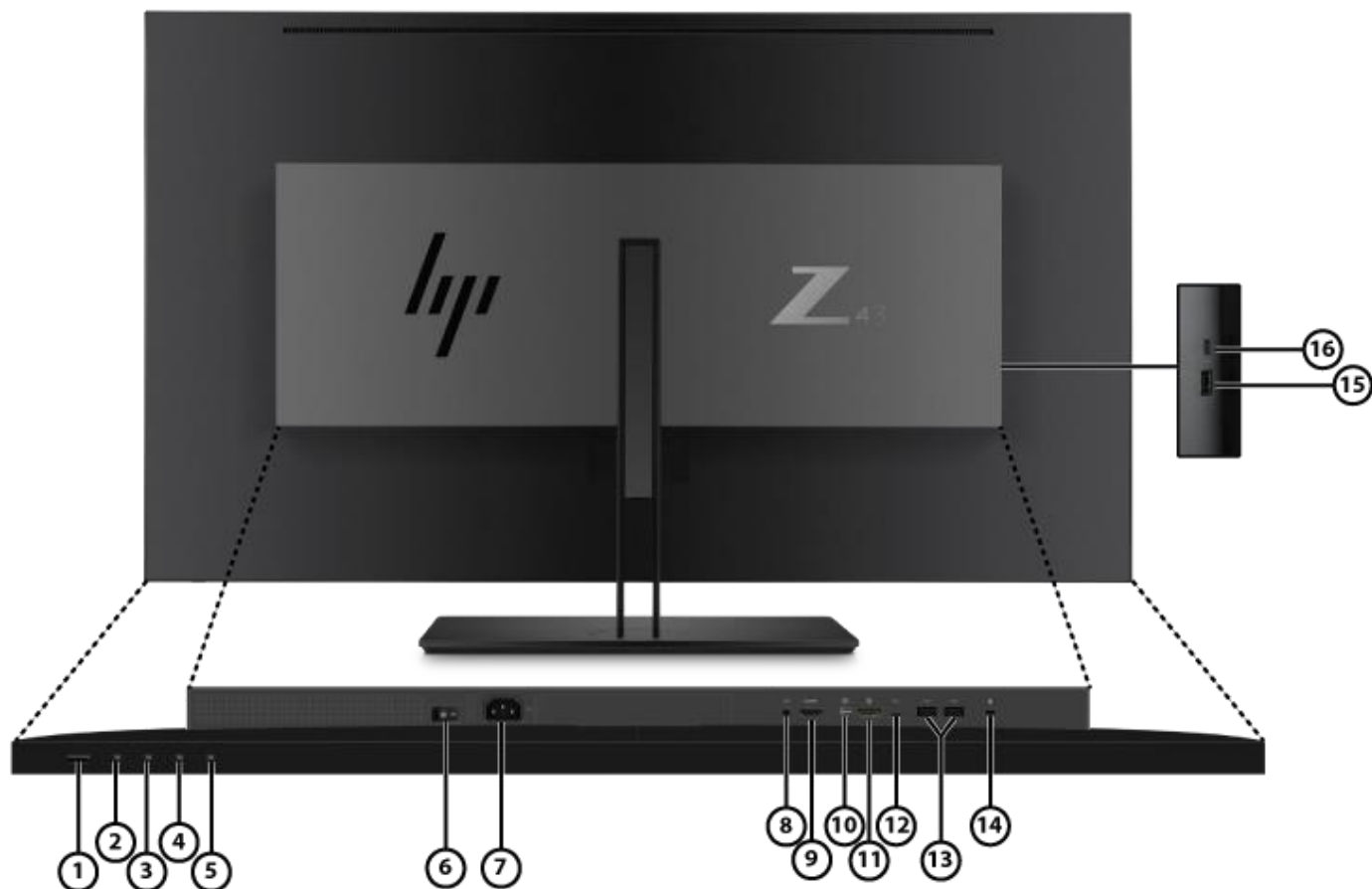


Front

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*	<p>Display Size (Diagonal) 42.5-in</p> <p>Display Panel Type IPS</p> <p>Native Resolution/Timing 3840×2160 @ 60 Hz</p> <p>NOTE: DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution</p> <p>Panel Bit Depth True 10-bit</p> <p>Aspect Ratio 16:9</p> <p>Brightness - Typical 350 cd/m²</p> <p>Static Contrast Ratio - Typical 1000:1</p> <p>Static Contrast Ratio - Minimum 700:1</p> <p>Dynamic Contrast Ratio (DCR) 5,000,000:1</p> <p>Pixel Pitch 0.2451 x 0.2451 mm</p> <p>Pixels Per Inch (PPI) 104</p> <p>Backlight Lamp Life (to half brightness - in hours) 30k minimum</p> <p>Anti-Glare Panel Yes</p> <p>Response Time – Typical 5ms ("gray to gray")</p> <p>NOTE: Product default is 8ms response time and can be adjusted to as low as 5ms in the display menu.</p> <p>Horizontal Viewing Angle (typical CR>10) 178°</p> <p>Vertical Viewing Angle (typical CR>10) 178°</p> <p>Panel Active Area (w x h) 941.184 x 529.416 mm (37.05 x 20.84 in)</p> <p>Preset Graphic Modes/Supported Resolutions</p> <p>640 x 480@60Hz</p> <p>720 x 400@70Hz</p> <p>800 x 600@60Hz</p> <p>720 x 480@60Hz</p> <p>1280 x 720@60Hz</p> <p>1280 x 800@60Hz</p> <p>1280 x 1024@60Hz</p> <p>1600 x 900@60Hz</p> <p>1600 x 1200 @60Hz</p> <p>1680 x 1050@60Hz</p> <p>1920 x 1080@60Hz</p> <p>1920 x 1200@60Hz</p> <p>2560 x 1440@60Hz</p> <p>3840 x 2160@30Hz</p> <p>Maximum Resolution 3840×2160 @ 60 Hz</p> <p>Recommended Resolution 3840×2160 @ 60 Hz</p> <p>Vertical Scan Range 47-63Hz</p> <p>Horizontal Scan Range 121.8-140 kHz</p> <p>Maximum Pixel Clock Speed 78MHz</p> <p>Default Color Temperature Standard (10000K)</p> <p>*All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.</p>
Color Gamut Coverage	<p>NTSC 72%</p> <p>sRGB 96%</p>
Color Management	<p>Factory Color Calibrated Yes</p> <p>Factory Color Presets Calibrated (D93),Neutral (D65)</p> <p>Default Color Temperature D93</p> <p>Low Blue Light Modes Yes</p>

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Monitor Specifications	Exterior Color of Monitor Bezel and Stand	Black Pearl
	Plug & Play	Yes
	Tilt	Yes, -5° to +10°
	Swivel	Yes, 20° (+/- 10°)
	Pivot	No
	Height Adjustment Range	No
	VESA Mounting	Yes, both 200 mm and 100 mm with included bracket
	Security Lock Ready	Yes
	Detachable Base	Yes, ships detached
	Warranty	3/3/0
Zero Bright Dot Warranty	Yes	
On Screen Display (OSD)		Luminance
		Color Control
		Input Control
		Image Control
	On Screen Display User Controls	PIP Control
		Power Control
		Menu Control
		Management
	User Programmable Modes	Language
		Information
	Yes, 20	
Monitor Control Buttons or Switches	Menu, Information, Next Active Input, viewing modes, Power	
User-Assignable Function Buttons	Yes, 3 (9 options)	
Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)	
Connector Types	DisplayPort™	(1) DisplayPort™ 1.2
	Mini-DisplayPort™	(1) Mini DisplayPort™ 1.2
	HDMI	(1) HDMI 2.0
	USB Type-C™	(1) USB 3.1, Gen1
	HDCP support	Yes HDCP 2.2, (DisplayPort and HDMI)
	Audio Output	(1) Analog
USB Port Specifications	USB Version	3.0
	USB Hub	Yes
	Downstream Ports	4 Ports
	Upstream Ports	1 Port
	Fast Charging USB Ports	3 Ports
		7.5W
	Power Output Maximum	4.5W
	7.5W	
	15W	
USB-Type C™ Port Specifications	USB-Type C™ Version	USB 3.1 Gen1 / 5G bps
	USB-Type C™ Hub	Yes
	Upstream	Rear: 1 Port
	Downstream	Side: 1 Port
	Video Support	Rear: USB-C™ Alt mode – DisplayPort™ 1.2
	Power Output	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 (EC1062)	On-mode Power Consumption (EC 1062/2010)	71W
	Annual Power Consumption (EC 1062/2010)	104 kWh
	Energy Efficiency Class (EC 1062/2010)	B
	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

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		Metric	Imperial	
Unit Product/Package Specifications	Unpacked with stand (highest setting) Product Dimensions (W x D x H)	97,21 x 24 x 61,9 cm	38.27 x 9.44 x 24.37 in	
	Head Only Product Dimensions (W x D x H)	97,21 x 12,28 x 56,59 cm	38.27 x 4.83 x 22.28 in	
	Base Area Footprint Product Dimensions (W x D x H)	399,99 x 239,99 mm	9.33 x 0.43 x 8.07 in	
	Packaged Packaged Dimensions (W x D x H)	112 x 70 x 36 cm	44.09 x 27.56 x 14.17 in	
	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	Yes		
Accessories Included	AC Power Cord	Metric 1,9 m	Imperial 6.2 ft	
	DisplayPort™ 1.2 Cable	1,8 m	5.9 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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