

Technical Specifications

HP Z43 42.5-inch 4K UHD Display

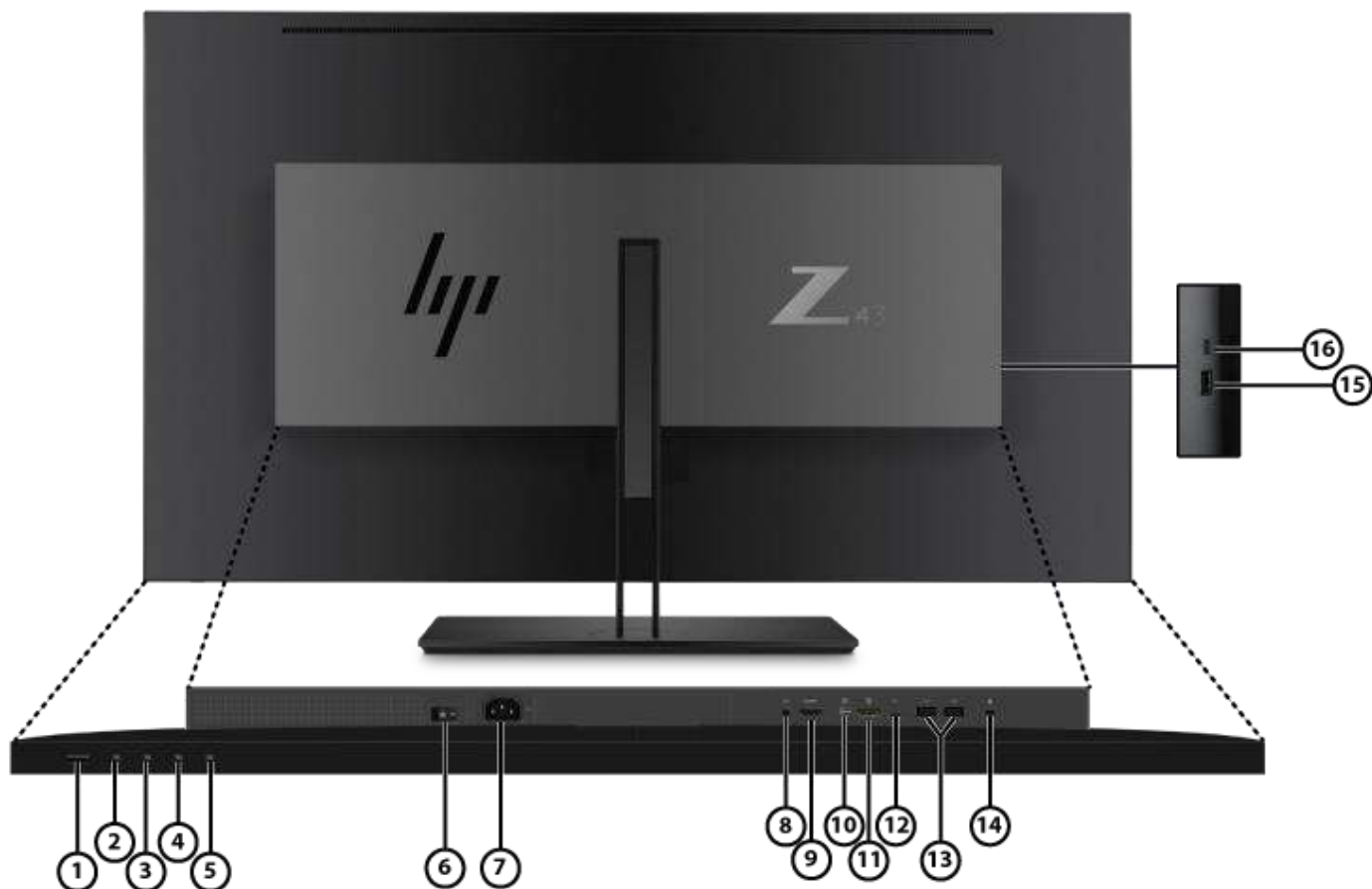


Front

1. Power LED

Technical Specifications

HP Z43 42.5-inch 4K UHD Display



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 | | |

Technical Specifications


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%

Technical Specifications

Color Management	Factory Color Calibrated Factory Color Presets Default Color Temperature Low Blue Light Modes	Yes Calibrated (D93), Neutral (D65) D93 Yes
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	3.0 Yes 4 Ports

Technical Specifications

	Upstream Ports	1 Port
	Fast Charging USB Ports	3 Ports
		7.5W
		4.5W
	Power Output Maximum	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
		5V/3A
		9V/3A
		10V/5A
	Power Output	12V/5A
		15V/4.33A
		20V/3.25A
	Power Output Maximum	Rear: 65W Max
		Side: 15W Max
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	54W
	Energy Efficiency Class	
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.)
	Mercury-free LED display backlights	Yes
	Arsenic-Free Display Glass	Yes

Technical Specifications

Environmental Features and Certifications	<p>Low Halogen Yes</p> <p>NOTE: External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.</p> <p>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</p> <p>Microsoft WHQL Certification Win 10, Win 8, Win 8.1, Win 7</p> <p>China Energy Label CEL Grade 1</p> <p>SmartWay Transport Partnership - NA only Yes (NA SKU)</p>																																	
Contains Recycled Plastic	<p>Back Cover Yes</p> <p>Base/Stand Yes</p> <p>Other Parts Yes</p> <p>Recyclable Plastics Yes</p> <p>Recyclable Packaging (Box, packing materials) Yes, except EPS</p>																																	
Unit Product/Package Specifications	<table border="0" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: center;">Metric</th> <th style="text-align: center;">Imperial</th> </tr> </thead> <tbody> <tr> <td>Unpacked with stand (highest setting) Product Dimensions (W x D x H)</td> <td style="text-align: center;">97,21 x 24 x 61,9 cm</td> <td style="text-align: center;">38.27 x 9.44 x 24.37 in</td> </tr> <tr> <td>Head Only Product Dimensions (W x D x H)</td> <td style="text-align: center;">97,21 x 12,28 x 56,59 cm</td> <td style="text-align: center;">38.27 x 4.83 x 22.28 in</td> </tr> <tr> <td>Base Area Footprint Product Dimensions (W x D x H)</td> <td style="text-align: center;">399,99 x 239,99 mm</td> <td style="text-align: center;">9.33 x 0.43 x 8.07 in</td> </tr> <tr> <td>Packaged Packaged Dimensions (W x D x H)</td> <td style="text-align: center;">112 x 70 x 36 cm</td> <td style="text-align: center;">44.09 x 27.56 x 14.17 in</td> </tr> <tr> <td>Plastic Bezel Measurements</td> <td style="text-align: center;">Top 14,42 mm</td> <td style="text-align: center;">Top 0.567 in</td> </tr> <tr> <td></td> <td style="text-align: center;">Side 14,43 mm</td> <td style="text-align: center;">Side 0.567 in</td> </tr> <tr> <td></td> <td style="text-align: center;">Bottom 20,02 mm</td> <td style="text-align: center;">Bottom 0.788 in</td> </tr> <tr> <td>Product Weight, Packed</td> <td style="text-align: center;">23,47 kg</td> <td style="text-align: center;">51.7 lb</td> </tr> <tr> <td>Product Weight, Unpacked</td> <td style="text-align: center;">16,95 kg</td> <td style="text-align: center;">37.38 lb</td> </tr> <tr> <td>Product Weight, Head Only</td> <td style="text-align: center;">12,45 kg</td> <td style="text-align: center;">27.45 lb</td> </tr> </tbody> </table>		Metric	Imperial	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
	Metric	Imperial																																
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	<p>Pallet Dimensions (L x W x H mm) 735 x 1150 x 120 mm</p> <p>Pallet Dimensions (L x W x H inch) 28.93 x 45.27 x 4.72 in</p> <p>Pallet Total Weight (including units) kg 156,32 kg</p> <p>Pallet Total Weight (including units) lbs 344.32 lbs</p> <p>Pallet Layers 3</p> <p>Pallet Product per Layer 2</p> <p>Total Products per Pallet 6</p> <p>Container Load, 20-Foot 96 units</p> <p>Container Load, 40-Foot 192 units</p> <p>Container Load, 40-Foot HighQ 192 units</p>																																	
What's in the box?	Monitor HP Z43 42.5-inch 4K UHD Display																																	

Technical Specifications

	Software included	HP Display Assistant USB-C-to-C cable (1.8m)	
	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		

Technical Specifications

Copyright © 2018 HP Development Company, L.P.

The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

ENERGY STAR® is a registered trademark owned by the U.S. Environmental Protection Agency.

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.

