Technical Specifications

HP S430c 43.4-inch Curved Ultrawide Monitor

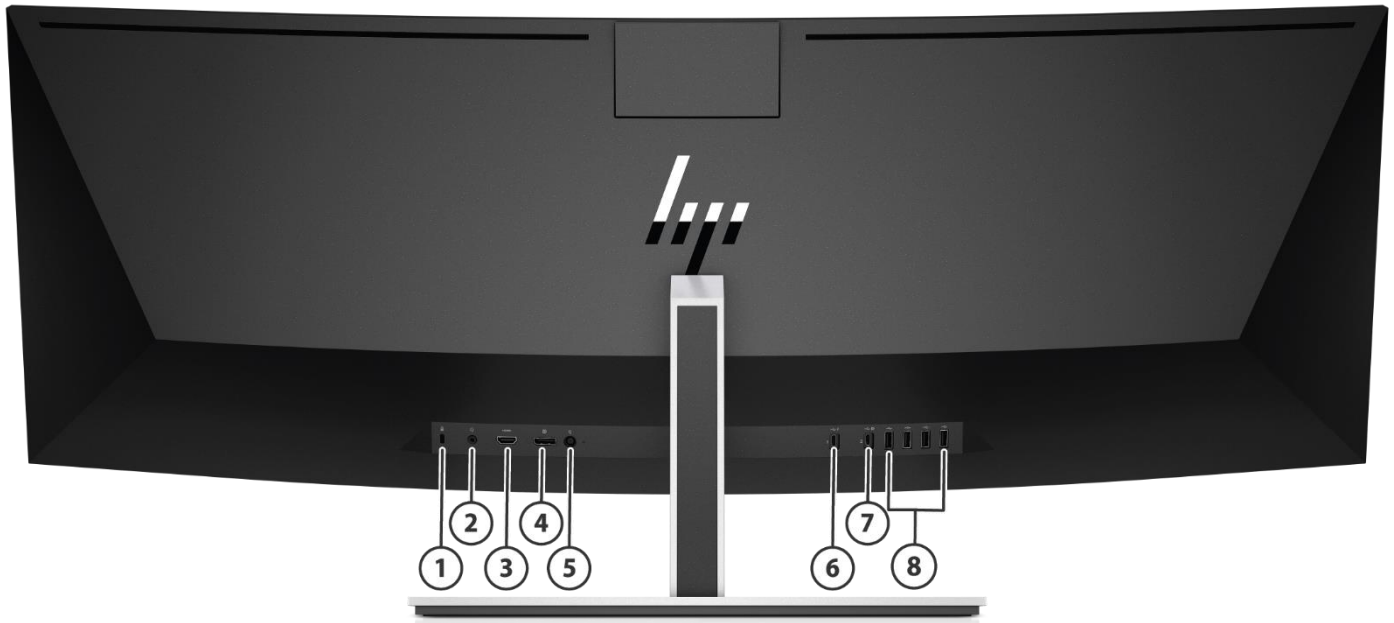**Front**

1.	Function Buttons	**2.**	Power Button

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Back

1. Security Cable Slot
2. Audio Out (Headphone) Jack
3. HDMI 2.0 Port
4. DisplayPort™ 1.2 Input
5. Power Connector
6. USB Type-C™ Port 1 (DP Alt mode, USB 3.1 data, Power Delivery up to 65 W)
7. USB Type-C™ Port 2 (DP Alt mode, USB 3.1 data, Power Delivery up to 65 W)
8. USB Type-A Port 3.0 (Downstream)

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Model: 5FW74AA/5FW74A8/5FW74A4/5FW74AT

Panel Specifications	**Display Size (Diagonal)**	43.4 in
	Display Panel Type	SVA w/LED backlight
	Micro-Edge Bezel	Yes, 3-sided
	Curved Panel	Yes, 1800R
	Native Resolution/Timing	3840 x 1200 @60 Hz
	Native Resolution Note	The video card of the connected PC must be capable of supporting 3840 x 1200 at 60 Hz and include 1 HDMI or 1 DisplayPort™ or USB-C Alt Mode to drive the monitor at the Preferred Mode.
	Panel Bit Depth	8 Bit
	Aspect Ratio	32:10
	Brightness - Typical	350 nits
	Static Contrast Ratio - Typical	3000:1
	Static Contrast Ratio - Minimum	2100:1
	Dynamic Contrast Ratio (DCR)	5,000,000:1
	Flicker Free	Yes
	Pixel Pitch	0.27405 x 0.27405 mm
	Pixels Per Inch (PPI)	92.6
	Backlight Lamp Life (to half brightness - in hours)	30k minimum
	Anti-Glare Panel	Yes
	Response Time - Typical	5ms (GTG)
	Horizontal Viewing Angle (typical CR>10)	178°
	Vertical Viewing Angle (typical CR>10)	178°
	Panel Active Area (w x h)	1052.3 (H) ×328.8 (V)
	Preset Graphic Modes/Supported Resolutions	640×480 @59.940Hz 720×400 @70.087Hz 800×600 @60.317Hz 1024×768 @60.004Hz 1280×720 @60Hz 1280×800 @59.810Hz 1280×1024 @60.020Hz 1440×900 @59.887Hz 1600×900 @60Hz 1680×1050 @59.954Hz 1920×1080 @60Hz 1920x1200 @59.95Hz 3840x1200 @60Hz
	Maximum Resolution	3840 x1200 @60Hz
	Recommended Resolution	3840 x1200 @60Hz
	Vertical Scan Range	50 - 60 Hz
	Horizontal Scan Range	30 - 80 kHz
	Default Color Temperature	Neutral (6500 K)
	Maximum Pixel Clock Speed	300 Mhz
Color Gamut Coverage	**NTSC**	85%
	sRGB	>99% sRGB
Color Management	**Color Space / Subsampling Support**	RGB 4:4:4, YCBCR 4:4:4, YCBCR 4:2:2
	Default Color Temperature	Neutral (6500K)
	Low Blue Light Modes	Yes

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	RGB Channel Adjust	Yes, Gain
Monitor Specifications	**Exterior Color of Monitor Bezel and Stand**	Sparkling Black in bezel and Jack black in display frame and rear cover and pike silver in stand
	Plug & Play	Yes
	Tilt	-5 TO +20 degrees
	Swivel	Yes, 10°
	Height Adjustment Range	Yes,100 mm
	VESA Mounting	Yes, 100 mm with integrated mount or with included bracket
	Security Lock Ready	Yes
	Detachable Base	Yes, ships attached
	Warranty	3-3-3
Multimedia	**Webcam**	Yes, 1080p
	Infra-Red Sensors	Yes, Qty = 1
	Windows Hello Compatible	Yes
	Microphone	Yes, 2
On Screen Display (OSD)	**On Screen Display User Controls**	Brightness, Color, Image, Input, PbP, USB Host, Power, Menu, Management, Information, Exit
	User Programmable Modes	Yes, 10
	Monitor Control Buttons or Switches	Menu, Minus ("-")/PIP, Plus ("+")/Viewing Modes, Back/Next Active Input, Power
	User-Assignable Function Buttons	Yes, 3 (8 options)
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese).
Connector Types	**DisplayPort™**	1, DisplayPort™ 1.2
	HDMI	1, HDMI 2.0
	USB Type-C™	2 USB 3.1 Type-C™ upstream ports
	HDCP support	Yes, (USB-C Video and HDMI, DisplayPort™)
	Audio Output	1, Analog
USB Port Specifications	**USB Version**	3.1
	USB Hub	Yes
	Downstream Ports	4 Ports
	Upstream Ports	2 Ports (Type-C) minimum 45 W
	Power Output Maximum	Standard 4.5 W
USB-Type C™ Port Specifications	**USB-Type C™ Version**	USB 3.1 Gen1 / 5G bps
	Upstream USB-Type C™ Ports	2 Port
	Video Support	USB-C Alt mode – DisplayPort™ 1.2
	Power Output	5V/ 9V/ 10V/ 12V/ 15V/ 20V
	Power Output Maximum	65 W Max on single USB-C port. 110 W combined USB-C ports
Special Features	**Picture-by-Picture**	Yes
	KVM Switch	Device Bridge
	User Presets	Yes
Power and Operating Specs	**Power Supply**	External
	Power Source	100–240 VAC 50/60 Hz
	Power Consumption - Maximum	220 W

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	Energy Saving/Standby Mode	0.5 W
	Power Consumption - Typical	80 W
	Power cable length	1830 mm: 398062-001,150304-008, 130627-008,121565-001, 285052-001,100613-008, 286496-001,109197-008, 653326-001,438723-001, 393312-001
		2500 mm: 187487-001,100661-001, 401328-001
		1800 mm: 100614-009
		2000 mm: 403440-001
EU Energy Efficiency Class (ERP lot-5)	**Energy Efficiency Class**	G
	Visible Screen Size	43.4"/110, 24 cm
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-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 backlighting**	Yes, Mercury-free LED backlighting
	Arsenic-Free Display Glass	Yes
	Low Halogen	Yes
		GSE HP-00011-01B, table 2 defines low-halogen (BFR, CFR, PVC)
	Agency Approvals and Certifications	WW application
		CE, CB, KCC/KES/PSB/ICE/TUV-S/ISO 9241-307/EAC/UL/cTUVus/PSB/ISC/CCC/CEL/ISC/VCCI/FCC/BSMI/ WEEE/EPA/TCO
	Microsoft WHQL Certification	Win 10, Win 8.1, Win 7
	China Energy Label	CEL Grade 1
	TCO Certified	Yes
	SmartWay Transport Partnership - NA only	Yes (NA SKU)
Contains Recycled Plastics	**Contains Recycled Plastics in Back Cover**	0.85
	Contains Recycled Plastics in Base/Stand	0.85
	Contains Recycled Plastics in Other Parts	85% (Deco, Middle Frame)
	Recyclable Plastics	All
	Recyclable Packaging (Box, packing materials)	All

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Technical Specifications

1. All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

*DisplayPort 1.2 or HDMI 2.0 required to drive panel at its native resolution

		<u>Metric</u>	<u>Imperial</u>
Unit Product/Package Specifications	**Product Dimensions** (Unpacked with stand) (W x D x H)	105.7 x 25.6 x 49.1 cm	41.61 x 10.08 x 19.33 in
	Product Dimensions (Packed) (W x D x H)	125.5 x 37.0 x 55.6 cm	49.41 x 14.57 x 21.89 in
	Display Head Dimensions (Unpacked without stand) (W x D x H)	105.7 x 14.08x 36.19 cm	41.61 x 5.54 x 14.25 in
	Product Weight (Unpacked with stand) (W x D x H)	14.4 kg	31.68 lbs
	Product Weight (Packaged) (W x D x H)	24.2 kg	53.35 lbs
	Product Weight (Head only) (W x D x H)	9.7 kg	21.38 lbs
Pallet Information	**Pallet Layers**	20'/40'Wooden: Vertical*3 layers 40'HQ-Wooden: Vertical*4 layers	
	Pallet Product per Layer	9 sets for 20"/40" Wooden 12 sets for 40" High Q	
	Container Load, 20-Foot	72 units (Pallet) 96 units (Slip sheet)	
	Container Load, 40-Foot	162 units (Pallet) 216 units (Slip sheet)	
	Container Load, 40-Foot HighQ	216 units (Pallet or Ship sheet)	

Software Support

Monitor INF/ICM Software
HP Display Assistant
HP Device Bridge (Windows, macOS, Ubuntu® Linux®, Android 10)
HP S430c Microsoft Windows Hello Webcam Driver

What's in the box?

AC power cord (1.83 m) 6.0 ft
2*USB C-C cable (1.8 m) 5.9 ft
USB C to A Cable (1.8 m) 5.9 ft
HDMI Cable (1.8 m) 5.9 ft
External power supplier (280 W)
QSP
Warranty card
VESA mount adapter

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

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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.

Dynamic Contrast Ratios* during video playback only, depending on series of frames or time duration.
All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Environmental Data	Eco-Label Certifications & declarations	This product has received or is in the process of being certified to the following approvals and may be labeled with one or more of these marks: • IT ECO declaration • US ENERGY STAR® • TCO • EPEAT® Silver registered in the United States. See http://www.epeat.net for registration status in your country.		
	Energy Consumption (in accordance with US ENERGY STAR® test method)	**115VAC, 60Hz**	**230VAC, 50Hz**	**100VAC, 50Hz**
	Normal Operation	37.28 W	37.39 W	37.26 W
	Sleep	0.33 W	0.34 W	0.33 W
	Off	0.24 W	0.24 W	0.24 W
	Heat Dissipation*	**115VAC, 60Hz**	**230VAC, 50Hz**	**100VAC, 50Hz**
	Normal Operation	127 BTU/hr	128 BTU/hr	127 BTU/hr
	Sleep	1 BTU/hr	1 BTU/hr	1 BTU/hr
	Off	1 BTU/hr	1 BTU/hr	1 BTU/hr
		*NOTE: Heat dissipation is calculated based on the measured watts, assuming the service level is attained for one hour.		
	Additional Information	• This product is in compliance with the Restrictions of Hazardous Substances (RoHS) directive - 2002/95/EC. • This HP product is designed to comply with the Waste Electrical and Electronic Equipment (WEEE) Directive – 2002/96/EC. • This product is in compliance with California Proposition 65 (State of California; Safe Drinking Water and Toxic Enforcement Act of 1986). • Plastics parts weighing over 25 grams used in the product are marked per ISO 11469 and ISO1043. • This product contains 14% post-consumer recycled plastic (by wt.) according to IEEE 1680.1-2018 standard, criterion 4.2.1.1. • This product is 97.6% recycle-able when properly disposed of at end of life.		
	Packaging Materials	**External:**	PAPER/Corrugated	4159 g
			PAPER/Paperboard	20 g

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		PAPER/Paper	20 g
	Internal:	PLASTIC/Other	1 g
		PLASTIC/Polyethylene low density - LDPE	25 g
		PLASTIC/Polyethylene Expanded - EPE	1931 g
RoHS Compliance		HP Inc. complies fully with materials regulations. We were among the first companies to extend the restrictions in the European Union (EU) Restriction of Hazardous Substances (RoHS) Directive to our products worldwide through the HP GSE. HP has contributed to the development of related legislation in Europe, as well as China, India, and Vietnam.	
		We believe the RoHS directive and similar laws play an important role in promoting industry-wide elimination of substances of concern. We have supported the inclusion of additional substances—including PVC, BFRs, and certain phthalates—in future RoHS legislation that pertains to electrical and electronics products.	
		We met our voluntary objective to achieve worldwide compliance with the new EU RoHS requirements for virtually all relevant products by July 2013, and we will continue to extend the scope of the commitment to include further restricted substances as regulations continue to evolve.	
		To obtain a copy of the HP RoHS Compliance Statement, see HP RoHS position statement.	
Material Usage		This product does not contain any of the following substances in excess of regulatory limits (refer to the HP General Specification for the Environment at http://www.hp.com/hpinfo/globalcitizenship/environment/supplychain/gen_specifications.html):	

- Asbestos
- Certain Azo Colorants
- Certain Brominated Flame Retardants – may not be used as flame retardants in plastics
- Cadmium
- Chlorinated Hydrocarbons
- Chlorinated Paraffins
- Bis(2-Ethylhexyl) phthalate (DEHP)
- Benzyl butyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)
- Formaldehyde
- Halogenated Diphenyl Methanes
- Lead carbonates and sulfates
- Lead and Lead compounds
- Mercuric Oxide Batteries
- Nickel – finishes must not be used on the external surface designed to be frequently handled or carried by the user.
- Ozone Depleting Substances
- Polybrominated Biphenyls (PBBs)
- Polybrominated Biphenyl Ethers (PBBEs)
- Polybrominated Biphenyl Oxides (PBBOs)
- Polychlorinated Biphenyl (PCB)

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		• Polychlorinated Terphenyls (PCT) • Polyvinyl Chloride (PVC) – except for wires and cables, and certain retail packaging has been voluntarily removed from most applications. • Radioactive Substances • Tributyl Tin (TBT), Triphenyl Tin (TPT), Tributyl Tin Oxide (TBTO)
	Packaging	HP follows these guidelines to decrease the environmental impact of product packaging: • Eliminate the use of heavy metals such as lead, chromium, mercury and cadmium in packaging materials. • Eliminate the use of ozone-depleting substances (ODS) in packaging materials. • Design packaging materials for ease of disassembly. • Maximize the use of post-consumer recycled content materials in packaging materials. • Use readily recyclable packaging materials such as paper and corrugated materials. • Reduce size and weight of packages to improve transportation fuel efficiency. • Plastic packaging materials are marked according to ISO 11469 and DIN 6120 standards.
	End-of-life Management and Recycling	Hewlett-Packard offers end-of-life HP product return and recycling programs in many geographic areas. To recycle your product, please go to: http://www.hp.com/go/reuse-recycle or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/recyclers. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

	HP, Inc. Corporate Environmental Information	For more information about HP's commitment to the environment:
		
		Global Citizenship Report
		    http://www.hp.com/hpinfo/globalcitizenship/gcreport/index.html
		Eco-label certifications
		    http://www.hp.com/hpinfo/globalcitizenship/environment/productdesign/ecolabels.html
		  ISO 14001 certificates:
		    http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=c04755842
		    and
		    http://www.hp.com/hpinfo/globalcitizenship/environment/pdf/cert.pdf

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Change Log

November 6, 2019	V1 to V2	Added	Environmental Section
November 11, 2019	V2 to V3	Removed	USB Memory Stick
January 13, 2020	V3 to V4	Updated	Environmental Section
February 23, 2021	V4 to V5	Update	Environmental Section