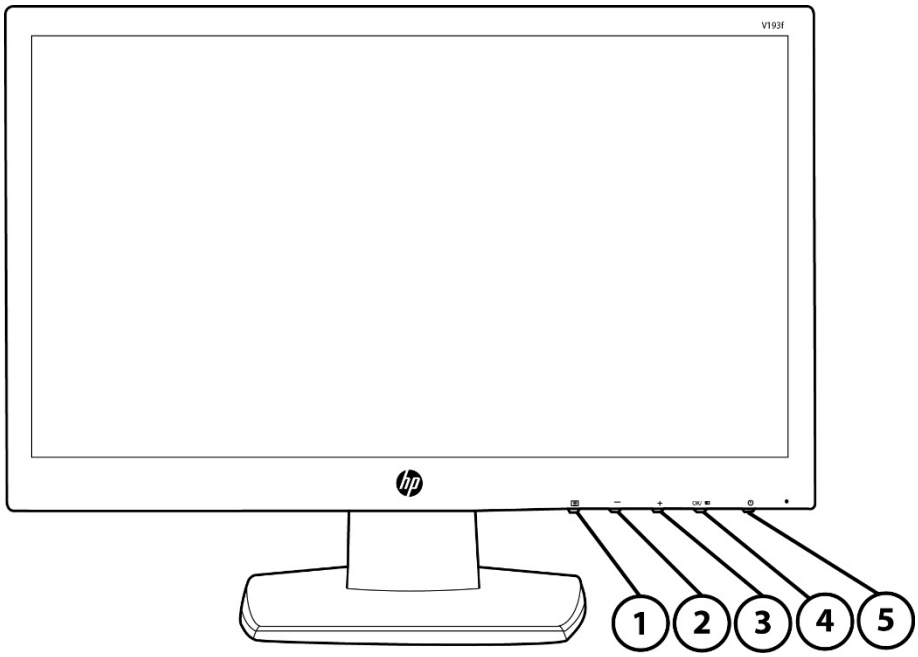
Technical Specifications

HP V193f 18.5-inch Monitor



1. Menu button
2. Minus
3. Plus
4. OK/Auto
5. Power button

Overview

Get quality presentation features at a price point that doesn't break the bank with the HP V193f 18.5-inch LED Backlit Monitor.

Key features:

- Enjoy crisp, clear views of your documents and e-mail with 1366 x 768 resolution, 4M:1 dynamic contrast ratio, and 5 ms response time.[1]
- Make a good impression and leave plenty of room with a design that complements HP PCs and has a small footprint.[2]
- Quickly and easily connect to your devices with a VGA input.
- Reduce power consumption and help lower your costs with an energy-efficient design.

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Model: N0X43AA

Panel	**Type**	TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	**46,9 cm** (18.5-inch) widescreen; diagonally measured
	Panel Active Area (W × H)	**409.8 x 230.4 mm**
	Resolution	1366 x 768 @60Hz
	Aspect Ratio	16:9
	Viewing Angle	Up to 90° horizontal/65° vertical typical
	Brightness	200 cd/m^2
	Contrast Ratio (Typical)	600:1 Static; 6,000,000:1 Dynamic (DCR)
	Response Times*	5 ms typical (on/off)
	Pixel Pitch	0.3 x 0.3 mm
	Pixels Per Inch (PPI)	84.7
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Gamut	Up to 16.7 million colors with the use of FRC technology
	Color Gamut (Typical)	72% NTSC

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

User Controls	**Buttons or Switches**	Menu, Minus (“-”), Plus (“+”), OK, Power
	User Programmable Modes	20
	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	On Screen Display (OSD) **User Controls**	Brightness, Contrast, Color, Image Control, OSD control, Management, Language, Information, Factory Reset
	Audio Controls	N/A
Signal Interface/ Performance	**Horizontal Frequency**	24 - 70 kHz
	Vertical Frequency	50 - 60 Hz
	Native Resolution	1366 x 768 @ 60Hz
	Preset Graphic Modes (non-interlaced)	640 x 480 @ 60Hz 720 x 400 @ 70 Hz 800 x 600 @ 60 Hz 1024 x 768 @ 60 Hz 1280 x 720 @ 60 Hz 1280 x 800 @ 60 Hz

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		1280 x 1024 @ 60 Hz 1366 x 768 @ 60 Hz	
	Maximum Pixel Clock Speed	110 MHz	
	Anti-Glare	Yes	
Video/Other Inputs	**Plug and Play**	Yes	
	Input/Output Connectors	(1) VGA	
	USB	N/A	
	Video Cables Included	(1) VGA cable **1,5 m** (4.9 ft)	
	Audio	N/A	
Multimedia	**Speakers**	N/A	
Power	**Power Supply**	Internal	
	Input Power	100 - 240 VAC 50/60 Hz	
	Maximum Power	17 W	
	Typical Power	15 W	
	Sleep Power	0.5 W	
	Power Cable Length	**1,5 m** (4.9 ft)	
Mechanical	**Dimensions** (W × D × H)	**Unpacked w/stand**	**44,14 x 18,9 x 33,86 cm** (17.38 x 7.44 x 13.33 in)
		Unpacked w/o stand (head only)	**44,14 x 4,54 x 27,77 cm** (17.38 x 1.79 x 10.94 in)
		Packaged	**51,6 x 10 x 33,4 cm** (20.31 x 3.94 x 13.15 in)
	Weight	**Head Only**	**2,4 kg** (5.3 lbs)
		Unpacked	**2,7 kg** (6.0 lbs)
		Packaged	**3,8 kg** (8.4 lbs)
Ergonomic Features	**Detachable Stand**	Yes, ships detached	
	Height Adjustment	N/A	
	Tilt Range	-5° to +22° vertical	
	Swivel	N/A	
	Pivot	N/A	
Environmental	**Temperature - Operating**	**5° to 35° C** (41° to 95° F)	
	Temperature - Non-operating	**–20° to 60° C** (-4° to 140° F)	
	Humidity - Operating	20% to 80% non-condensing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb	
	Altitude - Operating	**0 to 5,000 m** (0 to 16,400 ft)	

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	Altitude – Non-operating	**0 to 12,192 m** (0 to 40,000 ft)
	White LED Backlights	Yes
	Arsenic-Free Display Glass	Yes
	Low Halogen[5]	No
	Mercury-Free Display Backlights	Yes, Mercury-free backlights
Options	**HP Quick Release Bracket—** Part number EM870AA[4]	An easy-to-use, VESA-compliant, LCD monitor mounting solution that allows you to quickly and securely attach an LCD monitor to a variety of stands, brackets, arms or wall mounts. For more information, refer to this product's QuickSpecs document.
	HP USB Graphics Adapter— Part number NL571AA	Enables connection of up to six simultaneous displays to help you boost productivity and multi-task across several open applications. Use one Adapter to bridge between a notebook or desktop PC and second monitor or use multiple Adapters to connect several displays to each other.
	HP Adjustable Dual Display Stand—Part Number AW664AA	Premium space-saving dual screen solution provides access to more monitor real estate and makes it possible to manage multiple applications simultaneously. Weight adjustable for dual monitors from 17-24”. Rotate displays into portrait/landscape positions.
What’s in the box?	**Monitor and Accessories**	HP V193f 18.5-inch diagonal monitor AC power cord **1,5 m** (4.9 ft) VGA cable **1,5 m** (4.9 ft)
	Documentation	N/A
	Software	N/A
Other	**User Guide Languages**	English, French, Spanish, B. Portuguese, Danish, Dutch, Finnish, German, Hebrew, Italian, Norwegian, Swedish, Czech, Greek, Hungarian, Polish, Portuguese, Russian, Slovak, Turkish, Arabic, Kazakh, Ukrainian, S. Chinese, T. Chinese, Bahasa Indonesia, Korean, Japanese.
	Warranty Languages	English, French, Spanish, B. Portuguese, Danish, Dutch, Finnish, German, Hebrew, Italian, Norwegian, Swedish, Czech, Greek, Hungarian, Polish, Portuguese, Russian, Slovak, Turkish, Arabic, Kazakh, Ukrainian, S. Chinese, T. Chinese, Bahasa Indonesia, Korean, Japanese.
	Color	Black
	VESA Mounting	Yes
	Security Lock-Ready	Yes
	Country of Origin	China
Certification and Compliance	CEL Grade 1, ENERGY STAR® Qualified, EPEAT® Silver[3] registered, CE; CB; KC; KCC; NOM; PSB; ICES; TUV-S; CCC; CEL; CECP; SEPA; EPA; ISC; VCCI; FCC; ETL; TUV-GS; TUV; VCCI; Taiwan: BSMI	
Compatibility	Compatible with platforms using the VESA standard video modes. Recommended for use with HP products.	

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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 limited warranties.[6]

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1. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
2. HP Desktop Mini 260 sold separately. HP Quick Release required and sold separately. Mounting hardware sold separately. Options sold separately.
3. EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status in your country.
4. The HP Quick Release has been designed to support a maximum of up to 24 lbs (10.9 kg) for all devices mounted. Because mounting surfaces vary widely and the final mounting method and configuration may vary, mounting fasteners are not supplied (other than the VESA-compliant screws). HP recommends that you consult with a qualified engineering, architectural or construction professional to determine the appropriate type and quantity of mounting fasteners required for your application and to ensure that your mounting solution is properly installed to support applied loads.
5. Power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
6. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP Services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.