QuickSpecs

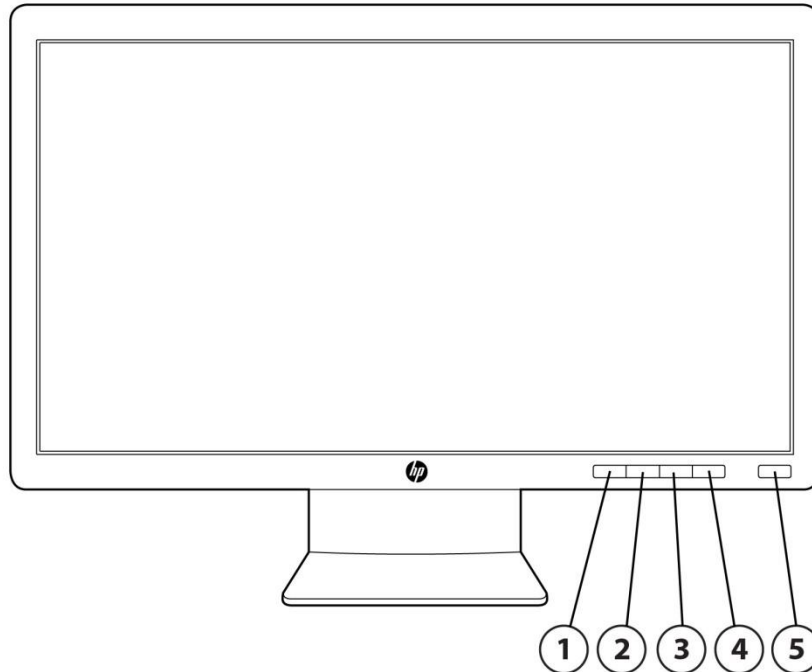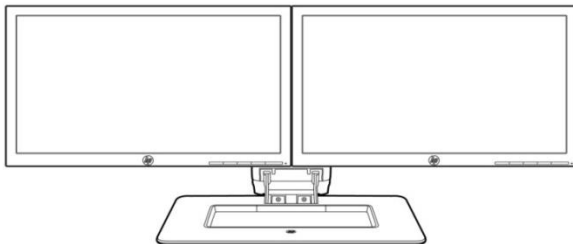*Technical Specifications*

HP ProDisplay P200 19.5-inch LED Backlit Monitor

1. Menu: Opens, selects or exits the OSD menu.

2. "-": If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.

3. "+"/Input: Select input source. If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.

4. OK/auto: If the OSD menu is on, press to select the highlighted menu item. If the OSD menu is inactive, press to activate the auto adjustment feature to optimize the screen image.

5. Power/Power LED
    fully powered = green; sleep mode = amber; sleep timer mode = flashing amber.

(Multi-monitor support depends on your PC capability. Monitors and stands sold separately)

Use two HP ProDisplay P200 monitors combined with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.

Technical Specifications

Overview

Introduction
Save money and be more productive with a business monitor that delivers solid performance, proven HP quality and reliability, a stable lifecycle, HP accessory compatibility, and energy savings at a very attractive price point.

Key Benefits
- Enjoy quality front-of-screen performance for all of your daily tasks.
- Get a stable product lifecycle and minimum one-year lifespan at a price point that's easy on your wallet.
- Reduce power consumption and help lower your costs with an energy-efficient design.
- Get ample room for your essential tasks on the 19.5-inch diagonal screen with a small footprint that leaves plenty of room on the desk.
- Design a multiple monitor workspace that puts everything you need front and center.[7]
- Add audio, mount the display on a wall or create a compact PC/display configuration.[2]
- Design the screen for how you work with HP Display Assistant software.
- Get award-winning service and support by phone or online.

Models
Part Number: F7M92AA

Panel		
	Type	TN (Twisted Nematic) LED Backlit LCD
	Viewable Image Area (diagonal)	**49,53 cm** (19.5 in) widescreen, diagonally measured
	Active Area (W x H)	**43,3 x 23,6 cm** (17.04 x 9.29 in); ± 3 mm
	Aspect Ratio	16:9
	Viewing Angle (typical)*	Up to 170° horizontal/160° vertical (10:1 minimum contrast ratio)
	Brightness (typical)*	250 nits (cd/m²)
	Dynamic Contrast Ratio (typical)	1000:1
	Contrast Ratio (typical)*	3,000,000:1
	Response Time (typical)*	5 ms (On/Off)
	Pixel Pitch	0.269 mm
	Backlight Lamp Life (to half brightness)	30,000 hours minimum
	Color Gamut	72%
	Color Support**	Can display up to 16.7 million colors
	* All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ** With the use of FRC technology.	
On Screen Display (OSD)	**Buttons or Switches**	Menu, Minus ("-"), Plus ("+") /Input Control, OK/Auto, Power

QuickSpecs

Technical Specifications

	Languages	10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
	User Controls	Brightness, Contrast, Color, Image Control, OSD control, Management, Language, Information, Factory Reset, Input Control
Video/Other Inputs	**Plug and Play**	Yes
	Input Connectors	(1) 15-pin mini D-sub analog VGA and (1) DVI-D; HDCP support on DVI input
	Video Cables	VGA, DVI-D
	Video Cable Length	**1,8 m** (5.9 ft); detached
	USB	N/A
Signal Interface/ Performance	**Horizontal Frequency**	24 to 70 kHz
	Vertical Frequency	50 to 60 Hz
	Native Resolution	1600 x 900 @ 60 Hz
	Max Resolution (Digital)	1600 x 900 @ 60 Hz
	Preset VESA 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 1280 x 1024 @ 60 Hz 1440 x 900 @ 60 Hz 1600 x 900 @ 60 Hz
	Max Pixel Clock Speed	170 MHz
	User Programmable Modes	Yes, 10
	Anti-Glare	Yes
	Anti-Static	Yes
	Default Color Temperature	Warm (6500° Kelvin)
Power	**Power Supply**	Internal
	Input Power	90 - 265 VAC at 45 - 63 Hz
	Typical Power Consumption	18 W
	Maximum	22 W
	Power Saving	0.5 W
	Power Cable Length	**1,9 m** (6.2 ft)
Mechanical	**Dimensions** (W x D x H)	**Unpacked w/stand** **46,7 x 15,21 x 34,53 cm** (18.39 x 5.99 x 13.59 in)
		Unpacked w/o stand (head only) **46,7 x 5,1 x 28,08 cm** (18.39 x 2.01 x 11.06 in)

Technical Specifications

		Packaged	**53,2 x 13,5 x 36,1 cm** (20.94 x 5.31 x 14.21 in)
		Base area (footprint)	**15,44 x 15,21 cm** (6.08 x 5.99 in)
	Weight	Head Only	**2,37 kg** (5.22 lb)
		Unpacked	**2,85 kg** (6.28 lb)
		Packaged	**4,06 kg** (8.94 lb)
	Tilt Range	-5˚ to +25˚	
	Swivel Range	N/A	
	Height Adjustable	N/A	
	Pivot Rotation	N/A	
	Base	Detachable	
Environmental	Temp. – Operating	41° to 95° F (5° to 35° C)	
	Temp. – Non-operating	-4° to 140° F (-20° to 60° C)	
	Humidity – Operating	20% to 80%, non-condensing	
	Humidity – Non-operating	5% to 95%	
	Altitude – Operating	**0 to 5000 m** (0 to 16,404 ft)	
	Altitude – Non-operating	**0 to 12192 m** (0 to 40,000 ft)	
	White LED Backlights	Yes	
	CCFL Panel	No	
	Arsenic-Free Display Glass	Yes	
	Low Halogen[4]	Yes, except external cables	
	Mercury-Free Display Backlighting	Yes	

Options	HP LCD Speaker Bar — Part number NQ576AA	Powered directly by the connected PC, the Speaker Bar seamlessly attaches to the monitor's lower bezel to bring full audio support to select HP flat panel monitors. Features include dual speakers with full sound range and dual external headphone jacks. Sold separately. For more information, refer to the product's QuickSpecs.
	HP LCD Monitor Quick Release—Part number EM870AA[1]	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 Integrated Work Center Stand for Small Form Factors v3 — Part number F2P06AA[5]	Maximize your available work space with the stylish and innovative HP Integrated Work Center for Small Form Factors v3 (HP IWC SFF v3), designed to match the newest HP PC designs. Create a customized "all-in-one" solution by combining an HP Small Form Factor (SFF) Business Desktop PC or Workstation with an LED monitor up to 24 diagonal inches.
	HP Integrated Work Center Stand - USDT / Thin Clients — Part numbers	HP Integrated Work Center Stand - USDT / Thin Clients - The HP Integrated Work Center Stand is designed to help maximize the use of limited desk space without compromising performance or productivity by accommodating an HP Ultra-slim

Technical Specifications

E8H16AA/AT (black and meteorite), LH526AA/AT (black and silver).[6]	Desktop PC or an HP Thin Client, and most HP 17 to 24-inch1 diagonal LCD monitors, with VESA standard mounting brackets.
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.
HP Display and Notebook II Stand— Part number E8G00AA	Quickly and easily create a comfortable workspace for your notebook or notebook and docking station and an external display with the HP Display and Notebook II Stand, which brings your notebook PC, docking station, and display up off the desk.
HP Adjustable Display Stand—Part number AW663AA	Turn your HP Business Notebook into a desktop solution supporting up to a 24 inch display. A dual-hinged, smooth-motion display stand allows for greater depth, height and tilt adjustment for maximum comfort.
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 Dual Output USB Graphics Adapter — Part Number C5U89AA	You can boost your productivity by creating a dual-monitor setup with the HP Dual Output USB Graphics Adapter – featuring both DVI-I and DisplayPort inputs to drive displays at high resolutions through a single USB 3.0 connection to your PC.
HP Business PC Security Lock Kit — Part number PV606AA	Attaches to the rear of the PC with a six-foot steel cable that can be used to secure a PC or peripherals such as mice, keyboards, monitors or USB security devices to protect them against unauthorized removal by physically connecting the system to an anchor point.
HP DVI to DVI cable— Part number DC198A	Connect to external monitors with a DVI connector from an HP Compaq Business Desktop computer with a DVI connector. The cable is a single link cable with DVI-D support on both connectors. The cable will connect to either a DVI-D or DVI-I connector on the monitor and the graphics card.

What's in the box?	**Monitor and Accessories**	HP ProDisplay P200 19.5-inch LED Backlit Monitor; AC power cord (1.9m) 6.2 ft; VGA cable (1.8m) 5.9 ft; DVI cable (1.8m) 5.9 ft
	Documentation	CD (includes user guide, warranty, drivers)
	Featured Software	Yes, HP Display Assistant
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.
	Color	Black
	VESA External Mounting	Yes (one set of standard 4-hole pattern, 100 mm). Base must first be removed.
	Security Lock-Ready	Yes

QuickSpecs

Technical Specifications

Certification and Compliance	CE, CB ,KC, KCC, NOM, PSB, ICE, TUV-S, CCC, CEL Grade 1, CECP, SEPA, EPA, ISC, VCCI, FCC, Taiwan: BSMI, SmartWay Transport Partnership - NA only, Microsoft WHQL Certification Windows 8 and Windows 7, ENERGY STAR®, EPEAT® Gold (select regions)[3].
Compatibility	VESA Video Signal Standard (VSIS) Compliant video cards have been tested and proven compatible for use with this monitor. Recommended for use with HP products.
Service and Warranty	Protected by HP, including a 3 year standard limited warranty. Select HP Care Pack Services[2] to extend service contracts beyond the standard warranties.

1. 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.

2. HP Care Pack Services extend service contracts beyond the standard warranties. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts from date of hardware purchase. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at http://www.hp.com/go/lookuptool. Additional HP Care Pack Services information by product is available at http://www.hp.com/hps/carepack.

3. EPEAT® Gold registered models of this product are available where HP registers commercial display products. See www.epeat.net for registration status in your country.

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

5. 17 to 24-inch diagonal monitors need to meet supported weight limits of 6 to 12.1 lbs. (2.7to 5.5 kg).

6. The Integrated Work Center Stand has been designed to support 17 to 24-inch diagonal HP LCD monitors from 2.3 kg to 5.2 kg (5.07 lbs to 11.24 lbs).

7. Each accessory sold separately. Mounting hardware sold separately.

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Technical Specifications

Summary of Changes

Date of change:	Version History:		Description of change:
June 30, 2014	From v1.1 to V1.2		
		Addition	Added the change log to the file
July 18, 2014	From v1.2 to v2	Addition	Added a different content for Brightness (typical)
		Upgrade	Change the version to sync PB and Concentra