COTIZACIÓN



Av.John F. Kennedy, Km 8 1/2 Los Prados Santo Domingo, Rep. Dom. RNC: 122-021523 Tel: (809)683-4343 PEDIDO # : 2254565 FECHA : 13/7/17

CLIENTE: 64378 - JUNTA CENTRAL ELECTORAL (JCE)

RNC/CED: 401007541 TELEFONO: 809/539-5419

Facturar a

JUNTA CENTRAL ELECTORAL (JCE) AV. LUPERON ESQ. 27 DE FEBRERO STO. DGO.

	SUCUR	SAL	VENDEDOR		CONDICI	ONES	VENCIMIENTO
	Principal San	to Domingo	Carlos Robles		Crédit	:0	12/08/2017
#	ITEM #	DESCRIPCIÓN		CANT	PRECIO	ITBI	S IMPORTE
1	64395	10 Pro 64 LTNA Españo 2133MHz 6M HD 530 4 NECC Unbuffered Mem NECC Unbuffered Mem Español, HP Optical US 8/6G3SFF 4G4MT/SFF,	G4 Small Form Factor PC, Window. ol, Intel Core i5 6500 6Gen 3.2GHz C CPU, 8GB (1x8GB) DDR42400 ory, 8GB (1x8GB) DDR42400 ory, HP USB Wired Keyboard LTNA B Mouse, 9.5mm DVD-Writer , 3 años de garantía. (INCLUYE, HI 30x1920 y ADAPTADOR XTECH (XTC-358)		39,021.19	7,023.8	1 690,675.00

OBS	SUBTOTAL:	585,317.80
RPE: 914 VALIDES DE LA OFERTA 60 DÍAS GARATIA DE LOS EQUIPO 3 AÑOS	ITBIS : 105,357	105,357.20
CONDICIÓN DE PARA GREDITO ENTREGA DE 25 A 30 DIAS CHI,	TOTAL :	RD\$690,675.00
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FICHA TECNICA PARA 15 COMPUTADORA COMPLETAS HP ProDesk

400 G4 Small Form Factor PC

Part Number	Description
Y5W43AV	HP ProDesk 400 G4 Small Form Factor PC
Z6W84AV	Single Unit (Small Form Factor) Packaging
W6N52AV	ENERGY STAR Certified Label
Y5R94AV	HP ProDesk 400BRO180W Small Form Factor Chassis
Y5W22AV#ABM	Windows 10 Pro 64 LTNA ESPAÑOL
Z5U18AV	Intel Core i5 6500 6Gen 3.2GHz 2133MHz 6M HD 530 4C CPU
Y5S13AV	8GB (1x8GB) DDR42400 NECC Unbuffered Memory
1FL48AV	128GB Solid State Drive
1WU62AV#ABM	HP USB Wired Keyboard LTNA ESPAÑOL
1AZ74AV	HP Optical USB Mouse
1DU59AV	9.5mm DVD-Writer 8/6G3SFF 4G4MT/SFF
U6578E	3/3/3 (material/labor/onsite) SFF Warranty LTNA
Y5R84AV#ABM	400 G4 Country Kit LTNA
1BG46AV	Intel Inside Core i5 Label
V5G70AA	(INCLUYE, HP V223 MONITOR 21.5 1080 X 1920 Y ADAPTADOR DISPLAYPORT A HDMI XTECH (XTC-358)
	GATECH

Datasheet

HP ProDesk 400 G4 Small Form Factor PC



Designed to fit the modern workspace now and in the future, the small, reliable, and secure HP ProDesk 400 SFF is a powerful PC with performance that's scalable to grow with the business.



HP recommends Windows 10 Pro.

Powerful options

Power through your day with high-performance 7th Gen Intel[®] Core[™] i3/i5/i7processors² unleashed optional Intel[®] Optane[™] memory and SSDs³, up to 32 GB of DDR4 memory³, and discrete graphics⁴.

Expansion that extends your investment

The full value of your investment comes with expansion that extends the life of your PC. The HP ProDesk 400 SFF has two bays and two half-height slots, and optional legacy ports³.

Connection hub

With 8 total USB ports, two video outputs, and optional Bluetooth[™], connectivity, the HP ProDesk 400 SFF becomes a hub for all your devices in the office.

Tested and ready

The reliable HP ProDesk 400 SFF experienced 120,000 hours of the HP Total Test Process and now has an optional dust filter³ to help extend the life of your PC by reducing airborne particulate intake in the most demanding work environments.

- Power through your day with Windows 10 Pro¹ and the powerful HP ProDesk 400 SFF with built-in security, collaboration, and connectivity.
- HP Client Security Suite Gen3⁷ features HP Multi-Factor Authenticate, HP Device Access Managers, HP SpareKey, and HP Password Manager. These tools work to keep data out of reach and defend against theft, attacks, and unauthorized users.
- Keep productivity high and downtime low with HP BIOSphere Gen3⁶ firmware-level automation. Your PCs have extra protection thanks to automatic updates and security checks.

The HP Manageability Integration Kit⁷ helps speed up image creation and management of hardware, BIOS, and security through Microsoft System Center Configuration Manager.

HP WorkWise^{*} is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.

- Greatly improve the transfer rates of user's data, voice, and video communication when connecting over challenged LAN or Wi-Fi networks with HP Velocity.
- Enjoy always-on, included self-help support built right into your PC, for the life of your PC.
- Rest easy with a PC that goes the distance and is designed to pass HP Total Test Process.
- Audio connections are easy with the Universal Audio Jack that supports mic in, headphones, and CTIA headsets with the same connector.
- HP Touchpoint Manager offers customers simple, useful tools and services from a single cloud-based solution for managing data, security, and a wide array of branded devices¹⁰.
- Simplify technical support with Helpdesk by HP Care. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems
- Help maximize your cash flow with the use of best-in-class hardware and services for a monthly subscription that allow you to replace your PC with a brand new one every three years¹²



HP ProDesk 400 G4 Small Form Factor PC Specifications Table



Form Factor	Small form factor		
Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. 1 Windows 10 Home 64 1 Windows 10 Pro 64 (National Academic License) 2 Windows 10 Home Single Language 64 1 Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) 3 FreeDOS 2.0 NeoKylin Linux® 64		
Available Processors	Intel® Core™ i7-7700 with Intel HD Graphics 630 (3.6 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-7500 with Intel HD Graphics 630 (3.4 GHz, up to 3.8 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i5-7600 with Intel HD Graphics 630 (3.5 GHz, up to 4.1 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-7300 with Intel HD Graphics 630 (4.1 GHz, 4 MB cache, 2 cores); Intel® Pentium® G4560 with Intel HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7320 with Intel HD Graphics 630 (4.1 GHz, 4 MB cache, 2 cores); Intel® Pentium® G4560 with Intel HD Graphics 610 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4600 with Intel HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4620 with Intel HD Graphics 630 (3.7 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-7320 with Intel HD Graphics 510 (3.5 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4600 with Intel HD Graphics 630 (3.6 GHz, 3 MB cache, 2 cores); Intel® Pentium® G4620 with Intel HD Graphics 630 (3.7 GHz, 3 MB cache, 2 cores); Intel® Core™ i7-6700 with Intel HD Graphics 510 (3.4 GHz, up to 4.0 GHz with Intel HD Graphics 630 (3.7 GHz, 2 MB cache, 2 cores); Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4.0 GHz with Intel Turbo Boost, 8 MB cache, 4 cores); Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores) ^{4,4}		
Chipset	Intel® H270		
Maximum Memory	32 GB DDR4-2400 SDRAM 6 (Transfer rates up to 2400 MT/s)		
Memory Slots	2 DIMM		
Internal Storage	500 GB up to 2 TB 3.5" SATA HDD (7200 rpm) / 500 GB up to 1 TB 2.5" SATA SSH0 (5400 rpm) / 1 TB 3.5" SATA SSHD (7200 rpm) / 256 GB up to 512 GB 2.5" SATA SED SSD / 256 GB up to 1 TB HP NMVe SSD Turbo Drive G2 TLC SSD (PCIe) / 128 GB up to 512 GB SATA SSD /		
Available Graphics	Integrated: Intel [®] HD Graphics 530; Intel [®] HD Graphics 630; Intel [®] HD Graphics 610 ^{,101} Discrete: NVIDIA® GeForce® GT730 HDMI (1 GB); NVIDIA® GeForce® GT730 (& GB)		
Audio	Conexant CX20632 codec with universal audio jack and 2W internal speaker, headset and headphone front ports (3.5 mm), multi-streaming capable		
Communications	LAN: Realtek RTL8111 HSH GbE LOM network connection WLAN (optional): Intel® 7265 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™: Intel® 3168 802.11ac (2x2) wireless with Bluetooth® M.2 combo card non-vPro™ a		
Expansion Slots	Turbo Drive (M.2 PCIe); 1 M.2 2230 for wireless NIC; PCI Express x16 (v3.0)(wired as a x4) 2.5" low profile, 6.6" length, 35 W max power; PCI Express x16 (v3.0) 2.5" low profile, 6.6" length, 35 W max power; PCI		
Ports and Connectors	Front: 1 SD 3 card reader (optional): 1 headset connector: 2 USB 3 1 Sen 10 min 00 - Back: 1 audio in connector; 1 RJ-45; 1 audio out connector; 1 DisplayPort **; 1 VGA: 4 USB 2.0; 2 USB 3.1 Gen 1; 1 power connector Back (optional): 1 PS/2 port; 1 serial *		
Internal Drive Bays	One 9 mm slim ODD; Secure digital (SD) 3 reader; One 2.5" HDD or One 3.5" HDD		
Available Software	HP business PCs are shipped with a variety of software titles including: HP BIOSphere Gen3, CyberLink Power Media Player, Native Miracast Support, HP ePrint Driver, HP Support Assistant. Please refer to this product's quick spec document for a full list of preinstalled software. 133435		
Security Management	Trusted Platform Module TPM 2.0 Embedded Security Chip (SLB9670 - Common Criteria EAL4+ Certified); SATA 0,1 port disablement (via BIOS); Drive lock; Serial, USB enable/disable (via BIOS); Power-on password (via BIOS); Setup password (via BIOS); Solenoid hood lock/intrusion sensor; Support for chassis padlocks and cable lock devices		
Power	80 PLUS Bronze: 180 W, up to 85% efficient, active PFC		
Dimensions	10.6 x 3.7 x 11.7 in 27 x 9.5 x 29.6 cm		
Weight	10.14 lb 4.6 kg		
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available 16		

HP recommends Windows 10 Pro.

HP ProDesk 400 G4 Small Form Factor PC

Accessories and services (not included)



3

HP recommends Windows 10 Pro.

Messaging Footnotes

Not all features are available in all additions of versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows.functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com. ² Multi-Core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary.

depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher petformance.

³ Sold separately or as an optional feature

⁶ HP Client Security Suite Gen3 requires Windows and Intel[®] 7th Gen processors.
⁹ HP Multi Factor Authenticate requires 7th Generation Intel[®] Core[®] processor, Intel[®] Integrated graphics, and Intel[®] WLAN.

* HP BIOSphere Gen3 features may vary depending on the PC platform and configurations.

⁷ HP Manageability integration Kit is planned to be available first quarter 2017 and can be downloaded from http://www8.hp.com/us/er/ads/clientmanagement/overview.html.

⁸ HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.

⁹ Requires Windows and internet access.

10 HP Touchpoint Manager requires purchase of a subscription and supports Android^{IN}, IOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information. ¹¹ HP Care Services are optional. Service levels and response times for HP Care Pack Services 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.

12 Financing and service offerings available through Hewlett-Packard Financial Services Company and Its subsidiaries and affiliates (collectively HPFSC) in certain countries and is subject to credit approval and execution of standard HPFSC documentation. Subscriptions to use are available for 24 or 36 month terms. Rates and terms are based on customer's credit rating, offering types, services and/or equipment type and options. Not all customers may qualify. Not all services or offers are available in all countries. Other restrictions may apply. HPFSC reserves the right to change or cancel this program at any time without riotice.

Technical Specifications Footnotes

¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com/. ² Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary update. Features vary: see https://aka.ms/ProEducation for Windows 10 Pro Education feature information

3 This system is breinstalled with Windows 7 Pro software and also comes with a licerise and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data

⁴ Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance

⁵ Your product does not support Windows 8 or Windows 7. In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on http://www.support.hp.com

² Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed ⁷ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software

* Wireless Gards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited. The specifications for the 802.11 ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications. It may affect the ability of the notebook to communicate with other 802.11ac WLAN devices ⁹ Intel[®] HD Graphics 530 Integrated on 6th gen Core[®] i7/ 5/i3 processors

¹⁶ ntel[®] HD Graphics 630[°] integrated on 7th gen Core™ 17/15/13 processors and Pentium® G4620, 4600, 4600T ¹¹ Intel® HD Graphics 610: integrated on Pentium® G4560, G4560T, Celeron™ G3950, G3930, G3930T

14 Sold separately or as an optional feature.

13 HP BIOSphere with Sure Start available only on business PCs with HP BIOS. HP BIOSphere Gen 3 requires Intel® 7th generation processors

1^c Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.

15 HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see

www.hp.com/go/eprintcenter). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

The EPERT registered where applicable. EPERT registration varies by country. See www.epeat.net for registration status by country.
¹⁷ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

¹⁸ The serial port is no longer standard to the chassis. A serial port and PS/2 port PCIe combination are available



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HP V223 21.5-inch Monitor

Overview

HP V223 21.5-inch Monitor



Menu: Opens, selects or exits the OSD menu.

- 2. Minus "-": If the OSD menu is on, press to navigate backward through the OSD menu and decrease adjustment levels.
- Plus "+": Select input source. If the OSD menu is on, press to navigate forward through the OSD menu and increase adjustment levels.

- 4 OK: 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: Turns the monitor on or off.
- 6 Power LED: fully powered = green; sleep mode =
 amber; sleep timer mode = flashing amber.



Use two HP V223 21 Soinch monitors with an HP Adjustable Dual Display Stand (AW664AA) for a small footprint, high productivity work solution.



Overview

(Multi-monitor support depends on your PC capability. Monitors, stands, keyboard, mouse and notebook are sold separately.)

Overview

Easily multi-task across your documents and e-mail with the HP V223 21.5-inch Monitor, a budget-friendly display that's just right for everyday business.

Key features:

- Enjoy crisp, clear views with Full HD 1920 x 1080 resolution and 5 ms response time¹ on an ample 21.5inch diagonal screen.
- Mount your HP Desktop Mini 260² directly behind the display for an integrated, affordable workspace that's perfect for small spaces. Or, use the integrated VESA mount to place the display on a wall or stand.²
- Get legacy compatibility with a VGA connector, or use DVI to connect to your newer technology.
- Reduce power consumption and help lower your costs with an intelligent, energy-efficient design that is ENERGY STAR[®] certified and EPEAT[®] Gold registered.³ The display also includes mercury-free display backlights and arsenic-free display glass.
- Customize your display's position with adjustable tilt settings and viewing angles.
- Rest assured that your IT investment is supported by a three-year standard limited warranty. To extend your protection, select optional HP Care Packs.⁴
- 1. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- 2. Compatible with HP Desktop Mini 260 G1 and G2, 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. Sold separately. 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.





Technical Specifications

Part numbers

V5G70AA/ V5G70A6/ V5G70A8/ V5G70A3

Panel Type Viewable Image Area Active Area (W × H)

Viewable Image Area	54,6 cm (21.5-inch) widescreen; diagonally measured
Active Area	47,66 x 26,81 cm (18.76 x 10.55 in)
(W × H)	
Aspect Ratio	16:9
Viewing Angle (typical)	Up to 90° horizontal/65° vertical typical
Brightness (typical)*	200 cd/m ²
Contrast Ratio (typical)*	600:1
Dynamic Contrast Ratio (typical)*	5,000,000:1
Response Times*	5 ms typical (on/off)
Pixel Pitch	0.248 x 0.248 mm
Pixels Per Inch (PPI)	102.3
Backlight Lamp Life*	30,000 hours minimum
(to half brightness)	
Color Gamut*	Up to 16.7 million colors with the use of FRC technology
Color Support**	72% NTSC

TN with LED backlight

*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.

User Controls Buttons or Switches		Menu, Minus ("-"), Plus ("+"), OK, Power		
	User Programmable Modes	20 CATECI		
	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, P Management, Language, Information, Factory Reset		
	Audio Controls	N/A		
Signal Interface/ Performance	Horizontal Frequency	30 - 80 kHz		
	Vertical Frequency	50 - 60 Hz		



Technical Specifications

Native Resolution 1920 x 1080 @ 60Hz Preset Graphic Modes (non-640 x 480 @ 60Hz interlaced) 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 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz **Maximum Pixel Clock Speed** 170 MHz **Anti-Glare** Yes **Video/Other Inputs Plug and Play** Yes **Input/Output Connectors** (1) VGA (1) DVI-D (HDCP support) USB N/A Video Cables Included (1) VGA cable **1.5 m** (4.9 ft) Audio N/A **Multimedia Speakers** N/A **Power Supply** Power Internal **Input Power** 100 - 240 VAC 50/60 Hz Maximum Power 25 W **Typical Power** 15 W **Sleep Power** 0.5 W **Power Cable Length** 1,5 m (4.9 ft) 50,92 x 20,7 x 38,98 cm Mechanical Dimensions (W × D × H) **Unpacked w/stand** (20.04 x 8.15 x 15.35 in) 50,92 x 4,54 x 31,80 cm Unpacked w/o stand (head only) (20.05 x 1.79 x 12.52 in) Packaged 56,7 x 12,6 x 39,6 cm

(hp

(22.32 x 4.96 x 15.59 in)

Technical Specifications

HP V223 21.5-inch Monitor

	Weight	Head Only	3 kg (6.6 lbs)	
	•	Unpacked	3,3 kg (7.28 lbs)	
		Packaged	4,5 kg (9.92 lbs)	
	Detachable Stand	Yes, ships detached		
Ergonomic Features	Height Adjustment	N/A		
	Tilt Range	-5° to + 20° vertical		
	Swivel	N/A		
	Pivot	N/A		
Environmental	Temperature - Operating	5° to 35° C (41° to 95° F)		
	Temperature –	-20° to 60° C (-4° to 140°	° F)	
	Non-operating Humidity - Operating	20% to 80% non-conden	sing	
	Humidity - Non-operating	5% to 95%, 38.7° C max wet-bulb		
	Altitude - Operating	0 to 5,000 m (0 to 16,400 ft)		
	Altitude – Non-operating	0 to 12,192 m (0 to 40,000 ft)		
	White LED Backlights Arsenic-Free Display Glass Low Halogen ⁴ Mercury-Free Display Backlights	Yes Yes Yes Yes, Mercury-free backlig	ghts	
Options HP Quick Release Bracket — Part number EM870AA ¹		solution that allows you monitor to a variety of st For more information, re document.	mpliant, LCD monitor mounting to quickly and secondly attach an LCD ands, brackets, arms or wall mounts. fer to this product's Quickspecs	
	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		more monitor real estate		



Technical Specifications

HP V223 21.5-inch Monitor

What's in the box?	HP Business PC Security Lock Kit — Part number PV606AA Monitor and Accessories Documentation	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 V223 21.5-inch diagonal monitor AC power cord 1,5 m (4.9 ft) VGA cable 1,5 m (4.9 ft) Printed documentation	
	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, Latin America, Bahasa Indonesian, Portuguese, Hebrew.	
Other	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, Latin America, Bahasa Indonesian, Portuguese, Hebrew.	
	Color	Black	
	VESA Mounting	Yes, one set of standard 4-hole pattern, 100 mm.	
	Security Lock-Ready	Yes, one security lock slot available	
	Country of Origin	China	
Certification and Compliance	CEL Grade 1, ENERGY STAR [®] Qualified, EPEAT [®] Gold ³ registered, CE, CB, KC, KCC, NOM, PSB, ICES, TUV-S, CCC, CEL, CECP, SEPA, EPA, ISC, VCCI, FCC, ETL, TUV-GS, TUV, MEPS, BSMI, EAC, ISO 9241–307, Microsoft WHQL Certification (Windows 8.1 and Windows 7)		
Compatibility	Compatible with platforms using the products.	ne VESA standard video modes. Recommended for use with HP	
		standard limited warranty.* Optional HP Care Pack Services are tend your protection beyond the standard limited warranties. ² *	

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.



Technical Specifications

- 2. 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 www.hp.com/go/cpc for details.
- 3. EPEAT® Gold 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.

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Change Log

Date of change:	Version History:		Description of change:
March 28, 2017	From v1 to v2	Update	EPEAT certification changed from Silver to Gold

