

HP 27o Display



**An amazing view.
Amazingly affordable.**

Enjoy the vibrant quality you've been looking for at a price that will delight you with this 27-inch diagonal Full HD display. Packed with a great screen and easy connectivity, it'll take your entertainment experience to the next level.

Product overview

- **Vibrant experience:** The 27-inch diagonal Full HD⁽¹⁾ screen delivers all your entertainment with vivid colors and crisp clarity. Get ready for all your content to take on a beautiful level of detail.
- **Connect with ease:** With VGA and HDMI port, easily connect your devices.
- **Better action. Smoother games.** Say goodbye to choppy games, videos, and movies. With lightning-fast 1ms response time, every pixel responds at an astounding rate, for a smooth, stutter-free experience.⁽²⁾

Product features

- **1ms response time:** How fast your pixels can react to changing frames is critical for fast-paced gaming, and a 1ms response time⁽²⁾ ensures even the most action-packed moments are fluid, crisp, and free of motion blur.
- **Full HD display:** Be prepared for brilliant visuals and crisp images with the unforgettable quality of this stunning FHD display.⁽¹⁾
- **Extreme detail:** Amazing clarity is delivered by 12,000,000:1 Dynamic Contrast Ratio for deeper blacks, brighter whites, and crisper colors.⁽⁵⁾
- **Low Blue Light:** Put less strain on your eyes by softening the blue light from your display.
- **Adjust your view:** Adjust the screen to your personal preference with a 5° forward or 15° backward tilt.
- **TN panel:** Enjoy the latest action movie or high-octane video game with the low pixel latency and snappy response times of this TN panel.
- **Off the desk and on the wall:** The display is equipped with standard VESA mounting for showcasing on a wall or swivel arm. Mounting arm or wall mount assembly sold separately.

Key specifications

- **Display size:** 27-inch (diagonal)
- **Aspect ratio:** 16:9
- **Response time:** 1ms GtG⁽²⁾
- **Contrast ratio:**
Static: 1000:1
Dynamic: 12M:1⁽⁵⁾
- **Resolution:** 1920 x 1080 (Full HD)⁽¹⁾
- **Connectivity:**
1 x HDMI
1 x VGA
- **Exterior color:** Black

Environmentally conscious

- Energy efficient components such as mercury-free display backlighting, low halogen design, arsenic-free display glass, and recyclable packaging.
- EPEAT® Silver registered⁽⁷⁾
- Energy Star® 7.0 qualified

Warranty and support

- **Peace of mind coverage:** Rest easy and work confidently with an HP standard 1 year limited warranty. Certain restrictions and exclusions apply.⁽⁴⁾



Monitor specifications

Panel type	• TN w/LED backlight
Visible screen size	• 27-inch (diagonal)
Viewing angle	• Horizontal: 170° • Vertical: 160°
Surface treatment	• Non-Glare
Resolution (recommended)	• 1920 x 1080 (Full HD) ⁽¹⁾
Aspect ratio	• 16:9
Contrast ratio	• Static: 1000:1 • Dynamic: 12M:1 ⁽⁵⁾
Brightness (typical)	• 300 nits
Color gamut	• 72%
Color support	• Up to 16.7 million colors with the use of FRC technology
Pixel pitch	• 0.31125 x 0.31125 mm • 82 PPI
Panel active area	• 597.6mm x 336.15mm
Maximum refresh rate	• 60Hz
Scan range	• Horizontal: 30-80 kHz • Vertical: 50-60 Hz
Response time	• 1ms GtG
Connectivity	• 1 x HDMI • 1 x VGA • HDCP support
Power supply	• Internal
Maximum power consumption	• 27W
Energy saving/standby mode	• 0.5W
Tilt	• -5 to +15 degrees
Base area footprint	• 9.02 in x 8.52 in
Detachable base	• Yes
VESA mounting	• Wall mount compatible (bracket sold separately)
Security lock ready	• Yes
Unpackaged dimensions	• 24.92 in (W) x 8.52 in (D) x 18.3 in (H)
Unpackaged weight	• 11.3 lb
Packaged dimensions	• 28.35 in (W) x 6.1 in (D) x 18.35 in (H)
Packaged weight	• 14.33 lb

On screen display	• Brightness, Contrast, Color Control, Input Control, Image Control, Power Control, Menu Control, Management, Language, Information, Exit • Menu/OK, Auto adjustment (VGA) /Information/"-", Viewing Modes/"+", Next Input/Exit, Power button
Languages	• 10 (English, Spanish, German, French, Italian, Netherlands, Portuguese, Japanese, T-Chinese and S-Chinese)
Certifications	• Microsoft WHQL Certification: Windows 10 • WW application CB/CE/KC/KCC/TUV-S/ISO 9241-307/ EAC/cTUVus/CCC/CEL/CECP/SEPA/Energy Star/PSB/ISC/VCCI/FCC/ICES/BSMI/Vietnam MEPS/Australian-New Zealand MEPS/WEEE

Environmental features

LED backlights	• Mercury-free LED backlighting
Backlight lamp life	• 30K hours
Arsenic-free	• Arsenic-free display glass ⁽³⁾
Low halogen	• Low-voltage halogen design ⁽³⁾
Certifications	• EPEAT® Silver registered ⁽⁷⁾ • Energy Star® 7.0 qualified

Accessories & warranty

What's in the box	• AC power cord 1.9m • HDMI cable • CD (includes user guide and warranty) • Quick Setup
Limited warranty	• Protected by a one-year HP limited warranty. Certain restrictions and exclusions apply. ⁽⁴⁾

Additional information

Product number	• 1CA81A7#ABA
Ad embargo date	• 6/17/2018
UPC Code	• 192545451215
Country of origin	• China
Tariff number	• 8528510000
Pallet information	• Dimensions: 57.1 in (L) x 43.1 in (W) x 4.7 in (H) • Total weight: 825.6 lbs (GQ) / 1026.25 lbs (HQ) • Layers: 4 (GQ) / 5 (HQ) • Products per layer: 14 • Total products per pallet: 56 (GQ) / 70 (HQ)

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⁽¹⁾ FHD (Full HD) content required to view FHD images. ⁽²⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

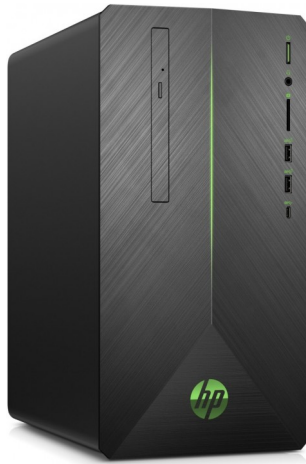
⁽³⁾ Plastic parts incorporated into the chassis generally contain < 1000 ppm (0.1%) of bromine or chlorine. Printed circuit board and substrate laminates generally contain < 1500 ppm (0.15%) of total bromine and chlorine. Service parts after purchase may not be BFR/PVC-free. External accessories, including power supplies, power cords, and peripherals are not BFR/PVC-free. Arsenic and its compounds were not detected using U.S. EPA test methods 3052/6010b by ICP-AES with a Method Detection Limit of 10 ppm. Low-halogen except for adapter and cord. ⁽⁴⁾ Standard parts-and-labor hardware 1-year warranty. See www.hp.com/go/support for details.

⁽⁵⁾ Dynamic Contrast Ratios during video playback only, depending on series of frames or time duration. ⁽⁷⁾ EPEAT® Silver where HP registers consumer display products. See www.epeat.net for registration status in your country.

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HP Pavilion Gaming Desktop 690-0018



Packs power. Strikes fear.

The HP Pavilion Gaming Desktop is all about smooth performance and crisp graphics wrapped up in a bold design. This PC offers the latest technology plus the ability to upgrade, keeping performance up-to-date. Get ready to play in powerful style today and for years to come.

Product overview

- **Powerful graphics:** Get lost in fluid gameplay and smooth visuals. With NVIDIA® GeForce® GTX 1050 graphics, lag and slowdowns are a thing of the past.
- **High-speed performance:** Unleash the full potential of your PC with an AMD Ryzen™ processor and 8 GB of DDR4 RAM.
- **Bold, standout design:** With a distinct angular bezel, brushed finishing, and green LED lighting this desktop is built to make a statement. To complement it all, interior expansion slots let you upgrade your graphics card, memory, and more to keep performance up-to-date.
- **Included with the product:** HP E-Sport ready OMEN Gaming Keyboard, Mouse, Headset and Mouse Pad included

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 5 2400G Processor^(2a)
- **Memory:** 8 GB DDR4-2666 SDRAM memory⁽³⁾ (1 x 8 GB)
- **Internal Storage:** 1 TB 7200RPM SATA hard drive^(4b)
- **Graphics:** NVIDIA® GeForce® GTX 1050 graphics card with 2 GB GDDR5 dedicated memory⁽¹³⁾
- **Optical drive:** DVD-Writer^(6a)
- **USB ports:** 9 (2 x 2.0, 6 x 3.1, 1 x 3.1 Type-C™)⁽⁴²⁾
- **Wireless:** Wireless LAN 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2^{(19a)(26)}
- **Warranty:** 1-year limited hardware warranty
- **Included:**
 - OMEN by HP Keyboard 1100
 - OMEN by HP Mouse 600
 - OMEN by HP Headset 800
 - OMEN by HP Mouse Pad 100

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows – only better.⁽¹⁾
- **NVIDIA® GeForce® GTX 1050 graphics:** Power everything from the latest games, to visually demanding design work with fewer slowdowns.
- **AMD Ryzen™ 5 processor:** Tap into truly awesome desktop performance. Up to 4 cores, 8 threads, and a revolutionary new architecture combine for a CPU that easily handles AAA games, no matter how demanding.
- **Hard drive storage:** Grow your digital collections and still have room left over.
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **HDMI out:** Transmit digital HD video and sound to an external display.
- **USB-C™:** Charge, transfer data at 5Gbps, or connect a display from one reversible port.⁽⁴¹⁾⁽⁴²⁾
- **Re-writable DVD drive:** Watch and write DVDs using the integrated optical drive.^(6a)
- **5.1 surround sound output:** All the necessary ports for truly immersive sound quality with 5.1 surround sound.
- **802.11 a/c (1x1) WLAN & Bluetooth® 4.2:** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology up to 3 times faster than 802.11n 1x1.^{(18)(19a)(26)}
- **Dropbox cloud storage:** If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months with your HP device.⁽²²⁾
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP Pavilion Gaming Desktop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Silver registered⁽²⁷⁾
- All HP computing products are delivered by SmartWay carriers.⁽⁶³⁾
- Recycled Packaging: Count on easy recycling every time. HP designs products and packaging that can be conveniently recycled or reused.⁽³¹⁾

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Complimentary Limited Technical Support, including initial setup support, is available from HP via multiple contact methods for 90 (ninety) days from date of purchase.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.⁽⁵⁶⁾⁽⁵⁷⁾
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.⁽¹⁰⁾
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Forum at hp.com/go/supportforum, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.⁽¹⁰⁾

Extend your coverage:

- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1.844.814.1800 to get started.⁽⁹³⁾
- **Care Packs:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/cpc or call toll-free at 1.877.232.8009.⁽⁸³⁾



Specifications

Operating system	• Windows 10 Home⁽¹⁾
Processor	• AMD Ryzen™ 5 2400G Processor ^(2a) • Quad-Core
Processor speed	• 3.60 GHz ^(2a)
Cache	• 6 MB Cache
Memory	• 8 GB DDR4-2666 SDRAM memory ⁽³⁾ (1 x 8 GB) (expandable to 32 GB (2 x 16 GB))
Internal storage	• 1 TB 7200RPM SATA hard drive ^(4b)
Finish	• HP finish in shadow black with a brushed hairline pattern
Optical drive	• DVD-Writer ^(6a)
Video graphics	• NVIDIA® GeForce® GTX 1050 graphics card with 2 GB GDDR5 dedicated memory ⁽¹³⁾
Network interface	• 10/100/1000 Base-T Network ⁽²⁹⁾
Wireless connectivity	• Wireless LAN 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2 ^{(19a)(26)}
Sound	• 5.1 surround sound
Memory slots	• 2 DIMM (288-pin) (one available)
Expansion slots	• 1 PCI-E x1 (available) • 1 PCI-E x16 (occupied) • 2 M.2 (one available)
Expansion bays	• HDD: 1 x 3.5" (occupied) + 1 x 2.5" (available) • ODD: 1 x 9.5 mm slim (occupied)
Memory card reader	• HP 3-in-1 Media Card Reader—Supports SD, SDHC, SDXC.
External ports	• Headphone/Microphone Combo • Front I/O: 2 USB 3.1 Gen 2, 1 USB 3.1 Gen 1 Type-C™ ⁽⁴²⁾ • Rear: 2 USB 2.0, 4 USB 3.1 Gen 1 • DVI • HDMI • DisplayPort™ ⁽⁵⁰⁾
Multi-display capable	• DVI, DisplayPort and HDMI capabilities, NVIDIA® Surround™ multi-display technology, support for Microsoft® DirectX® 12 ⁽¹³⁾
Accessories	• OMEN by HP Keyboard 1100 • OMEN by HP Mouse 600 • OMEN by HP Headset 800 • OMEN by HP Mouse Pad 100
Power supply	• 310 W internal power supply
Dimensions	• Unpackaged tower only: 11.02 in (L) x 6.69 in (W) x 13.30 in (H) approx. • Packaged tower + accessories: 23.0 in (L) x 16.0 in (W) x 22.0 in (H) approx.
Weight	• Unpackaged tower only: 11.35 lb approx. • Packaged tower + accessories: 23.28 lb approx.

Warranty and support	<ul style="list-style-type: none"> • 1-year limited hardware warranty. Additional information available at www.support.hp.com • 90 days limited technical support for software and initial setup (from date of purchase)⁽⁵³⁾
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Software

Games	<ul style="list-style-type: none"> • Wild Tangent Games for HP pre-installed: Your HP computer comes with 2 free trial sessions of Claws and Feathers 3, Fabulous: Angela's Fashion Fever, 5 Star Rio Resort, Funny Pets, Heart's Medicine, Lost Island Mahjong Adventure, and Tachyon Project PC. Also includes unlimited play of Blackjack+, Solitaire with Themes and Vegas World.⁽⁷⁹⁾
HP help and support	<ul style="list-style-type: none"> • HP JumpStart: When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features. • HP Support Assistant: Help with your HP PC and printers whenever you need it.⁽⁵⁶⁾⁽⁵⁷⁾
Books, music, photos and videos	<ul style="list-style-type: none"> • Netflix: Watch movies and TV online or via DVDs with subscription.⁽¹⁰⁾ • CyberLink Power Media Player: Universal media player with enhanced playback quality.
Productivity and tools	<ul style="list-style-type: none"> • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.⁽¹⁰⁾ • Meet the new Office: The most powerful Office yet. Your content when and where you need it.⁽⁶⁴⁾ • Dropbox: Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices.⁽²²⁾
Security and protection	<ul style="list-style-type: none"> • HP Recovery Manager: Recover, restore, and create recovery media for your PC. • McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁶⁾

Additional information

Product number	• 3LB35AA#ABA
Ad embargo date	• 06/03/2018
UPC code	• 192545490139
Country of origin	• China
Tariff number	• 8471500000 (US PC)
Pallet information	<ul style="list-style-type: none"> • Dimensions: 48.0 in (L/D) x 40.0 in (W) x 93.0 in (H) approx. • Total weight: 403.80 lb approx. • Layers: 4 • Products per layer: 4 • Total products per pallet: 16

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⁽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.microsoft.com> ^(2a) 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. AMD's numbering is not a measurement of clock speed. AMD, Radeon and Ryzen are trademarks of Advanced Micro Devices, Inc. ⁽³⁾ Up to 512MB of main system memory may be allocated to support video graphics. ^(4b) For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. ^(6a) DVD-Writer does not support DVD RAM. Don't copy copyright protected materials. ⁽⁶⁾ Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽¹⁰⁾ Internet access required and not included. ⁽¹³⁾ NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ^(19a) Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ^(19a) Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ac WLAN devices. ⁽²²⁾ New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at www.dropbox.com. Internet service required and not included. ^(26a) Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ⁽²⁹⁾ Actual speeds may vary. ⁽³¹⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽⁴¹⁾ Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽⁴²⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵³⁾ Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. ⁽⁶⁴⁾ For more information visit hp.com/go/hpsupportassistant [Link will vary outside of the U.S.] HP Support Assistant is available for Android and Windows based PCs. ⁽⁶⁷⁾ Internet connection required for updating and connecting to HP Support. ⁽⁶⁸⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁶⁹⁾ Designation based on actions to reduce transportation-related emissions. ⁽⁶⁴⁾ Internet service required and not included. Click the Office icon for more details on the Office product that is right for you. Optional features sold separately or as add-on features. ⁽⁷⁹⁾ Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included. ⁽⁸⁰⁾ Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit www.hp.com/go/carepack-services. ⁽⁸⁹⁾ HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. Actual product may vary from image shown on datasheet. © Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. 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