HP ENVY Desktop TE02-0030

The power to create without limits

Get the power you need to take on your biggest passion project now and easy expandability for whatever you dream up next.

Product overview

- **Power now. Upgrades tomorrow.** Get the power you need now with an Intel® processor, NVIDIA graphics, and easy expandability when you need it.
- **Seamlessly create across all of your devices:** Nothing gets in the way of your creativity with easy access ports to connect all your gear.
- **Because little things make a big difference:** With EPEAT® Gold and ENERGY STAR® ratings, plus sustainable materials like ocean-bound plastic, post-consumer recycled plastic, and water-based paint, you can feel like you made a difference, along with a great choice.[63c][63f][63g]

Key specifications

- **Operating system: Windows 11 Home[1]**
- **Processor:** 12th Generation Intel® Core™ i7-12700 processor[2b]
- **Memory:** 16 GB DDR4-3200 SDRAM memory[3] (2 x 8 GB)
- **Internal Storage:** 1 TB PCIe® NVMe™ M.2 Solid State Drive[15][58c]
- **Graphics:** NVIDIA® GeForce RTX™ 3070 Ti graphics card with 8 GB GDDR6X dedicated memory[13]
- **Mouse and keyboard:** HP 710 black wireless keyboard and mouse combo
- **USB ports:** Top I/O: 1 SuperSpeed USB Type-C® 5Gbps signaling rate, 3 SuperSpeed USB Type-A 5Gbps signaling rate; Rear: 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-A 5Gbps signaling rate, 1 SuperSpeed USB Type-A 10Gbps signaling rate, 1 SuperSpeed USB Type-C® 5Gbps signaling rate, 1 SuperSpeed USB Type-C® 10Gbps signaling rate[42], 1 Thunderbolt™ 4 with USB4™ Type-C 40Gbps signaling rate[51][59] (USB Power Delivery, DisplayPort™ 1.4)[50]
- **Wireless:** Wi-Fi 6 (2x2) and Bluetooth® Combo (Supporting Gigabit data rate), MU-MIMO supported[19e][26]
- **Warranty:** 1-year limited hardware warranty

Product features

- **Get a fresh perspective with Windows 11:** From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.[1]
- **A dynamic processor that adapts to you for superior multi-tasking performance:** 12th Gen Intel® Core™ processor distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want.
- **NVIDIA® GeForce RTX™ 3070 Ti graphics:** The GeForce RTX™ 3070 Ti graphics card is powered by Ampere—NVIDIA's 2nd gen RTX architecture for the power you need to rip through the most demanding games.
- **PCIe® NVMe™ SSD storage:** Get up to 10x faster performance than a traditional hard drive.[58c]
- **SuperSpeed USB Type-C® 5Gbps signaling data rate:** Plug in your external storage with this Superspeed USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.[42][43]
- **SuperSpeed USB Type-C® 10Gbps signaling data rate:** Plug in your external storage with this Superspeed USB Type-C® port, featuring 10Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.[42][43]
- **SuperSpeed USB Type-A 5Gbps signaling data rate:** Plug in your external storage with this Superspeed USB Type-A port, featuring 5Gbps signaling data rate.[43]
- **SuperSpeed USB Type-A 10Gbps signaling rate:** Plug in your external storage with this Superspeed USB Type-A port, featuring 10Gbps signaling data rate.[43]
- **Thunderbolt™ 4 with USB4™ Type-C®:** Power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.[43]

Additional product features

- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **Effortlessly connected:** Enjoy a smooth wireless experience with a Wi-Fi 6 (2x2) and Bluetooth® combo.[19e][26]
- **Upgrading is easy:** Upgrading memory and storage is easy with our tool-less door design.
- **HP QuickDrop:** Wirelessly transfer photos, videos, documents and more between your PC and mobile device.
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Designed with the planet in mind

HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.

- Built with the environment in mind, this HP Pavilion Desktop is designed using sustainable materials like:
  · Includes water-based paint[63g]
  · Includes post-consumer recycled plastic[63f]
  · Includes ocean-bound plastic[63c]
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.[63e]
- ENERGY STAR® certified[62]
- EPEAT® Gold registered[27]

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:** Warranty details are included with your product.

Support Options:
- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.[56]
- **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 Community at community.hp.com, 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.[95]
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/carepack-services or call toll-free at 1.877.232.8009.[83]

Specifications

Operating system	• Windows 11 Home[1]
Processor	• 12th Generation Intel® Core™ i7-12700 processor[2b] • 12-core
Processor speed	• 2.10 GHz[2h]
Cache	• 25 MB Cache
Memory	• 16 GB DDR4-3200 SDRAM memory[3] (2 x 8 GB) (expandable to 128 GB unbuffered with 32 GB DIMMs)
Internal storage	• 1 TB PCIe® NVMe™ M.2 Solid State Drive[15][58c]
Finish	• HP finish in natural silver
Video graphics	• NVIDIA® GeForce RTX™ 3070 Ti graphics card with 8 GB GDDR6X dedicated memory[13]
Network interface	• 10/100/1000 Base-T Network[29]
Wireless connectivity	• Wi-Fi 6 (2x2) and Bluetooth® Combo (Supporting Gigabit data rate), MU-MIMO supported[19e][26]
Sound	• 5.1 surround sound
Memory slots	• 4 DIMM (288-pin) (two available)
Expansion slots	• 1 PCI-E Gen 5 x16 (occupied) • 3 M.2 (2 for SSD, 1 for WLAN) (one available for SSD)
Expansion bays	• 1 (supports both 2.5 and 3.5" form factor storage (available)
External ports	• Headphone/Microphone Combo, Microphone Jack • Top I/O: 1 SuperSpeed USB Type-C® 5Gbps signaling rate, 3 SuperSpeed USB Type-A 5Gbps signaling rate • Rear: 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-A 5Gbps signaling rate, 1 SuperSpeed USB Type-A 10Gbps signaling rate, 1 SuperSpeed USB Type-C® 5Gbps signaling rate, 1 SuperSpeed USB Type-C® 10Gbps signaling rate[42], 1 Thunderbolt 4 with USB4™ Type-C 40Gbps signaling rate[51][59] (USB Power Delivery, DisplayPort™ 1.4)[50] • HDMI • 3 DisplayPort™[50]
Multi-display capable	• DisplayPort and HDMI capabilities, NVIDIA® Surround™ multi-display technology, support for Microsoft® DirectX® 12[13]
Mouse and keyboard	• HP 710 black wireless keyboard and mouse combo
Power supply	• 800 W 80 Plus Gold certified ATX power supply
Dimensions	• **Unpackaged (w/foot):** 6.50 in (W) x 15.59 in (D) x 17.64 in (H) approx. • **Unpackaged (w/o foot):** 6.50 in (W) x 15.59 in (D) x 17.05 in (H) approx. • **Packaged:** 19.61 in (L/D) x 11.73 in (W) x 22.44 in (H) approx.
Weight	• **Unpackaged:** 30.31 lb approx.[76] • **Packaged:** 31.72 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 1-year limited technical support for software and initial setup (from date of purchase)[53]

Software

HP help and support	• **myHP:** myHP provides a simple setup and registration experience that welcomes you to your new HP PC. Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly. • **HP BIOS Protection:** Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.[23] • **HP Support Assistant**: Help with your HP PC and printers whenever you need it.[56]
Books, music, photos and videos	• **Adobe Offer:** Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need.[88a]
Productivity and tools	• **HP QuickDrop:** Wirelessly transfer photos, videos, documents and more between your PC and mobile device. Easily snap a photo to share, send addresses for directions on-the-go, and view texts on your PC's screen. With HP QuickDrop, file transfers are easy, fast and reliable.[10] • **OMEN Gaming Hub:** Your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OMEN Gaming Hub elevates play in an easy and simple way. • **Dropbox cloud storage:** Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.[10][22] • **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[10]
Security and protection	• **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Additional information

Product number	• 319M1AA#ABA
Ad embargo date	• 05/22/2022
UPC code	• 196337698925
Country of origin	• Mexico
Pallet information	• **Dimensions:** 47.24 in (L/D) x 39.37 in (W) x 72.64 in (H) approx. • **Total weight:** 818.26 lb approx. • **Layers:** 3 • **Products per layer:** 8 • **Total products per pallet:** 24

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