OMEN by HP 40L Gaming Desktop GT21-0314

The power to elevate your game.

Embrace your gaming destiny with the OMEN 40L Gaming Desktop PC. Reach peak levels through advanced customization with OMEN Gaming Hub, and a toolless access case.[57]

Product overview

- **Performance for big dreamers.** The OMEN 40L Desktop PC is a companion on your gaming journey. Meet your new best friend, packing an AMD Ryzen™ processor and a NVIDIA® GeForce® RTX graphics card.
- **Do it how you do.** Imagine a PC that can crush elite levels today and adapt to reach new performance heights tomorrow.
- **Engineered for adventures.** Top to bottom every aspect was built specifically for gaming performance. Including toolless entry from both sides of the PC and RGB controls integrated throughout. It's a work of gaming art.
- **Customization reaches a new level of whoa.** Step aboard the one-stop spec shop: OMEN Gaming Hub. From intelligent overclocking, SW-based fan control, BIOS access and RAM frequency, dial in every last performance detail. We obsess so you can progress.

Key specifications

- **Operating system: Windows 11 Home**[1]
- **Processor:** AMD Ryzen™ 5 5600G Processor[2a]
- **Memory:** HyperX® 16 GB DDR4 XMP RGB Heatsink RAM (2x8 GB)[97]
- **Internal Storage:** 1 TB PCIe® NVMe™ M.2 Solid State Drive[15][58c]
- **Graphics:** NVIDIA® GeForce RTX™ 3060 Ti graphics card with 8 GB GDDR6 dedicated memory with LHR[13]
- **Mouse and keyboard:** HP black wired keyboard and mouse combo
- **USB ports:** Front I/O: 2 SuperSpeed USB Type-A 5Gbps signaling rate, 2 USB 2.0 Type-A; Rear: 1 SuperSpeed USB Type-A 5Gbps signaling rate, 1 SuperSpeed USB Type-A 10Gbps signaling rate, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate,1 SuperSpeed USB Type-C® 10Gbps signaling rate[42]
- **Wireless:** Wi-Fi 6 (2x2) and Bluetooth® Combo (supporting gigabit data rate), MU-MIMO supported[7][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]
- **AMD Ryzen™ 5 5600G desktop processor:** Whether you are playing the latest games, designing the next skyscraper, or crunching scientific data, you need a powerful processor that can handle it all. The AMD Ryzen™ 5600G desktop processor sets the bar for gamers and artists alike.
- **NVIDIA® GeForce RTX™ 3060 Ti graphics:** The GeForce RTX™ 3060 Ti lets you take on the latest games using the power of Ampere—NVIDIA's 2nd generation RTX architecture. Get incredible performance with enhanced Ray Tracing Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory.
- **PCIe® NVMe™ SSD storage:** Get up to 10x faster performance than a traditional hard drive.[58c]
- **DTS: X Ultra Technology:** By producing authentic, spatially accurate 3D sound through any headset, this technology offers specially tuned audio modes for different game types to provide immersion for the best entertainment experience possible.[47]
- **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]

Additional product features

- **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 data rate:** Plug in your external storage with this Superspeed USB Type-A port, featuring 10Gbps signaling data rate.[43]
- **HyperX® DDR4 memory:** With its high performance, everything from multi-tasking to playing games gets a boost.[97]
- **Dual channel memory:** Two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.
- **Effortlessly connected:** Enjoy a smooth wireless experience with a Wi-Fi 6 (2x2) and Bluetooth® combo.[19e][26]
- **OMEN Light Studio:** Control RGB lighting effects for all your connected and supported devices through one app. OMEN Light Studio makes it easy to personalize lighting options using a variety of effects like ambient, wave, interactive and more.

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, the OMEN by HP 40L Gaming Desktop is designed using sustainable materials like:
  - · Includes water-based paint[63g]
- 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]

Specifications

Operating system	• **Windows 11 Home**[(1)]
Processor	• AMD Ryzen™ 5 5600G Processor[(2a)] • 6-core
Processor speed	• 3.90 GHz[(2h)]
Cache	• 16 MB L3 Cache
Memory	• HyperX® 16 GB DDR4 XMP RGB Heatsink RAM (2x8 GB) (Default Speed: 3200 MHz/XMP Speed: 3467 MHz)[(97)] (expandable to 128 GB unbuffered with 32 GB DIMMs)[(3a)]
Internal storage	• 1 TB PCIe® NVMe™ M.2 Solid State Drive[(15)(58c)]
Finish	• Tempered glass front bezel and side panel with EMC protection
Video graphics	• NVIDIA® GeForce RTX™ 3060 Ti graphics card with 8 GB GDDR6 dedicated memory with LHR[(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[(7)(19e)(26)]
Sound	• 5.1 surround sound
Memory slots	• 4 DIMM (288-pin) (two available)
Expansion slots	• 1 PCI-E Gen 4 x16 (occupied) • 1 PCI-E Gen 3 x4 (available) • 3 M.2 (2 for SSD, 1 for WLAN) (one available for SSD)
Expansion bays	• HDD: 2 internal 3.5" (two available) • SDD: 2 internal 2.5" (two available)
External ports	• Headphone/Microphone Combo, Microphone Jack • Front I/O: 2 SuperSpeed USB Type-A 5Gbps signaling rate, 2 USB 2.0 Type-A • Rear: 1 SuperSpeed USB Type-A 5Gbps signaling rate, 1 SuperSpeed USB Type-A 10Gbps signaling rate, 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate,1 SuperSpeed USB Type-C® 10Gbps signaling rate[(42)] • 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 black wired keyboard and mouse combo
Power supply	• 600 W 80 Plus Gold certified ATX power supply
Dimensions	• **Unpackaged:** 8.03 in (W) x 18.50 in (D) x 18.39 in (H) approx. • **Packaged:** 23.31 in (L/D) x 12.91 in (W) x 22.91 in (H) approx.
Weight	• **Unpackaged:** 41.23 lb approx.[(76)] • **Packaged:** 42.50 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	• **DTS: X® Ultra Technology:** Authentic, spatially accurate 3D sound to provide the best entertainment experience.[(47)]
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 Light Studio:** Personalize lighting options using a variety of effects like ambient, wave, interactive and more through one app. • **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	• 7P4H5AA#ABA
Ad embargo date	• 04/16/2023
UPC code	• 197192851890
Country of origin	• Mexico
Pallet information	• **Dimensions:** 47.24 in (L/D) x 39.37 in (W) x 74.06 in (H) approx. • **Total weight:** 798.06 lb approx. • **Layers:** 3 • **Products per layer:** 6 • **Total products per pallet:** 18

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