



# OMEN MAX Gaming Laptop 16-ah0020ca (B81JRUUA)

## Overview

### Built to break limits

The OMEN 16 MAX gaming laptop provides unparalleled performance both at-home or on-the-go. With next-gen NVIDIA® GPUs and Intel® Core™ Ultra CPUs[1], a new Unleashed Mode for manual overclocking, and a thermal architecture built to cut down on both throttling and long term wear, dedicated gamers can achieve their best for years to come.



### Performance you control

Throttle less and carry more with the latest Intel® Core™ Ultra CPUs[1] and next-gen NVIDIA® RTX™ graphics.



### Instant pair with HyperX

Seamlessly connect up to three compatible HyperX devices to your laptop at once with Instant Pair.



### Put your throttling on ice

Self-cleaning fans, a vapor chamber, and liquid metal ensure your laptop stays cool and reduces maintenance.



### Light the way you play

Customize your lattice-less RGB keyboard and other lighting options in OGH to represent your unique style.

# Features



## Get a fresh perspective

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.<sup>[2]</sup>

165Hz

## 165Hz Display

Reduce frustrating lag and image ghosting with a 165Hz display.<sup>[4]</sup>

## 3ms response time

How fast your display's pixels respond is crucial for a smooth picture. With a 3-millisecond response time, your action-filled content will look crisp and fluid without motion blur.<sup>[4]</sup>



## Smarter. Faster. Lighter

Gaming, creating, AI. Do it all on Intel® Core™ Ultra processors<sup>[3]</sup>

## Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.<sup>[5]</sup>

## Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.<sup>[6]</sup>

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[1] 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, branding and/or naming is not a measurement of higher performance.

[2] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

[3] 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, branding and/or naming is not a measurement of higher performance. Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, software and other factors.

[4] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

*[5] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details. Display measured diagonally*

*[6] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.*

## Specifications

|                                |                                                                                                                                                                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating system               | Windows 11 Home                                                                                                                                                                                                                                   |
| Product color                  | Shadow black aluminum in cover and base, light bar, RGB in keyboard frame, black chrome logo                                                                                                                                                      |
| Processor family               | Intel® Core™ Ultra 7 processor                                                                                                                                                                                                                    |
| Processor                      | Intel® Core™ Ultra 7 255HX (up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 20 cores, 20 threads) <sup>[6,7]</sup>                                                                                                              |
| Chipset                        | Intel® HM870                                                                                                                                                                                                                                      |
| Memory                         | 32 GB DDR5-5600 MT/s (2 x 16 GB)                                                                                                                                                                                                                  |
| Internal Storage               | 1 TB PCIe® Gen4 NVMe™ M.2 SSD                                                                                                                                                                                                                     |
| Product design                 | Sandblasted and paint finish                                                                                                                                                                                                                      |
| Graphics                       | Discrete                                                                                                                                                                                                                                          |
| Graphics (discrete)            | NVIDIA® GeForce RTX™ 5070 Laptop GPU (8 GB GDDR7 dedicated)                                                                                                                                                                                       |
| Graphics                       | Integrated                                                                                                                                                                                                                                        |
| Graphics (integrated)          | Intel® Graphics                                                                                                                                                                                                                                   |
| Display                        | 40.6 cm (16") diagonal, 2K (1920 x 1200), 60-165 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB                                                                                                         |
| Display                        | 16" diagonal, 2K (1920 x 1200), 60-165 Hz, 3 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 400 nits, 100% sRGB                                                                                                                   |
| Display size (diagonal)        | 40.6 cm (16")                                                                                                                                                                                                                                     |
| Display size (diagonal)        | 16"                                                                                                                                                                                                                                               |
| Audio                          | DTS:X® Ultra; Dual speakers; HP Audio Boost; HyperX                                                                                                                                                                                               |
| Dimensions (W x D x H)         | 35.65 x 26.9 x 2.29 cm (front); 35.65 x 26.9 x 2.45 cm (rear)                                                                                                                                                                                     |
| Dimensions (W x D x H)         | 14.04 x 10.59 x 0.9 in (front); 14.04 x 10.59 x 0.96 in (rear)                                                                                                                                                                                    |
| Weight                         | 2.49 kg                                                                                                                                                                                                                                           |
| Weight                         | 5.5 lb                                                                                                                                                                                                                                            |
| Keyboard                       | Full-size, 4-zone RGB backlit, shadow black keyboard with numeric keypad and 26-Key Rollover Anti-Ghosting Key technology                                                                                                                         |
| Pointing device                | HP Imagepad                                                                                                                                                                                                                                       |
| Input devices                  | IR thermal sensor                                                                                                                                                                                                                                 |
| Camera                         | HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones                                                                                                                                    |
| Ports                          | 2 USB Type-A 10Gbps signaling rate; 1 AC smart pin; 1 HDMI 2.1; 1 headphone/microphone combo; 1 RJ-45; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 2.1, HP Sleep and Charge) <sup>[19,42]</sup> |
| Expansion slots                | 2 M.2 (SSD)                                                                                                                                                                                                                                       |
| Package dimensions (W x D x H) | 9.4 x 42.8 x 33.2 cm                                                                                                                                                                                                                              |

|                                              |                                                                                                                                              |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Package weight</b>                        | 4.74 kg                                                                                                                                      |
| <b>Network interface</b>                     | Integrated 10/100/1000 GbE LAN                                                                                                               |
| <b>Wireless</b>                              | Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card <sup>[12,46]</sup>                                                               |
| <b>Power supply type</b>                     | 280 W AC power adapter                                                                                                                       |
| <b>Battery type</b>                          | 6-cell, 83 Wh Li-ion polymer<br>( <i>[23]</i> )                                                                                              |
| <b>Battery recharge time</b>                 | Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>                                                                 |
| <b>Sustainable impact specifications</b>     | Ocean-bound plastic in bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover and hinge cap(s) |
| <b>Security management</b>                   | Camera privacy shutter; Trusted Platform Module (Firmware TPM) support                                                                       |
| <b>Software included</b>                     | McAfee Online Protection 30-day trial                                                                                                        |
| <b>Software - Productivity &amp; finance</b> | 1 month trial for new Microsoft 365 customers <sup>[24]</sup>                                                                                |
| <b>Cloud service</b>                         | 25 GB Dropbox storage for 12 months <sup>[1]</sup>                                                                                           |
| <b>UPC number</b>                            | 198990364384                                                                                                                                 |

## Additional specifications

|                                     |                                           |
|-------------------------------------|-------------------------------------------|
| Aspect ratio                        | 16:10                                     |
| Battery capacity                    | 83                                        |
| Battery capacity uom                | Wh                                        |
| Battery cells number                | 6                                         |
| Battery type                        | Li-ion polymer                            |
| Bluetooth version                   | Bluetooth® 5.4                            |
| Brightness                          | 400 nits                                  |
| Camera Infrared                     | IR                                        |
| Camera brand                        | HP True Vision                            |
| Camera microphone                   | integrated dual array digital microphones |
| Camera resolution (vertical)        | 1080p                                     |
| Camera resolution standard          | FHD                                       |
| Color                               | Shadow black                              |
| Color gamut                         | 100% sRGB                                 |
| Display                             | 16" diagonal 2K display                   |
| Display                             | 40.6 cm (16") diagonal 2K display         |
| Display bezel                       | Micro-edge                                |
| Display brightness                  | 400                                       |
| Display brightness uom              | nits                                      |
| Display panel technology            | IPS                                       |
| Display refresh rate                | 165                                       |
| Display refresh rate uom            | Hz                                        |
| Display resolution (pixels)         | 1920 x 1200                               |
| Display resolution standard         | 2K                                        |
| Display response time               | 3                                         |
| Display response time uom           | ms                                        |
| Display size (diagonal) uom         | "                                         |
| Display size (diagonal, imperial)   | 16                                        |
| Display size (diagonal, metric)     | 40.6                                      |
| Display size (diagonal, metric) uom | cm                                        |
| Display surface treatment           | Anti-glare                                |
| Ethernet (RJ-45)                    | 1                                         |

|                                                    |                                              |
|----------------------------------------------------|----------------------------------------------|
| <b>Flicker-free</b>                                | Yes <sup>[45]</sup>                          |
| <b>Graphics card brand</b>                         | NVIDIA®                                      |
| <b>Graphics card family</b>                        | GeForce                                      |
| <b>Graphics card memory size</b>                   | 8                                            |
| <b>Graphics card memory size uom</b>               | GB                                           |
| <b>Graphics card memory type</b>                   | GDDR7                                        |
| <b>HDMI out – version</b>                          | 2.1                                          |
| <b>HDMI –out</b>                                   | 1                                            |
| <b>Headphone/microphone combo</b>                  | 1                                            |
| <b>Keyboard backlight</b>                          | RGB backlit                                  |
| <b>Keyboard backlit zone</b>                       | 4-zone                                       |
| <b>Keyboard color</b>                              | Shadow black                                 |
| <b>Keyboard keypad</b>                             | Numeric keypad                               |
| <b>Keyboard size</b>                               | Full-size                                    |
| <b>Keyboard technology</b>                         | 26-Key Rollover Anti-Ghosting Key technology |
| <b>Memory and storage</b>                          | 32 GB memory;1 TB SSD storage                |
| <b>Memory layout (slots &amp; size)</b>            | 2 x 16 GB                                    |
| <b>Memory size</b>                                 | 32                                           |
| <b>Memory size uom</b>                             | GB                                           |
| <b>Memory speed</b>                                | 5600                                         |
| <b>Memory speed uom</b>                            | MT/s                                         |
| <b>Memory type</b>                                 | DDR5                                         |
| <b>Model Number</b>                                | RTX™ 5070                                    |
| <b>Neural Processing Unit</b>                      | Intel® AI Boost (13 NPU TOPS)                |
| <b>Number of User-accessible Memory Slots</b>      | 2                                            |
| <b>Number of memory slots</b>                      | 2                                            |
| <b>Package depth, imperial (most common size)</b>  | 16.85                                        |
| <b>Package depth, metric (most common size)</b>    | 42.8                                         |
| <b>Package dimensions (W x D x H)</b>              | 3.7 x 16.85 x 13.07 in                       |
| <b>Package height, imperial (most common size)</b> | 13.07                                        |
| <b>Package height, metric (most common size)</b>   | 42.8                                         |
| <b>Package weight</b>                              | 10.45 lb                                     |

|                                            |                                                                                                                                                       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Package width, imperial (most common size) | 3.7                                                                                                                                                   |
| Package width, metric (most common size)   | 9.4                                                                                                                                                   |
| Packaging unit of measure (imperial)       | in                                                                                                                                                    |
| Packaging unit of measure (metric)         | cm                                                                                                                                                    |
| Playbook TS icon OS                        | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png</a> |
| Playbook TS icon battery life              | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png</a> |
| Playbook TS icon connectivity              | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png</a> |
| Playbook TS icon dimensions NB             | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png</a> |
| Playbook TS icon display NB                | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png</a> |
| Playbook TS icon graphics                  | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png</a> |
| Playbook TS icon memory                    | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png</a> |
| Playbook TS icon processor                 | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png</a> |
| Playbook TS icon storage                   | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png</a> |
| Playbook TS icon weight imperial           | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png</a> |
| Playbook TS icon weight metric             | <a href="https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png">https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png</a> |
| Processor Brand                            | Intel®                                                                                                                                                |
| Processor cache                            | 30 MB L3                                                                                                                                              |
| Processor core                             | 20                                                                                                                                                    |
| Processor family                           | Core™ Ultra 7                                                                                                                                         |
| Processor frequency technology             | Intel® Turbo Boost Technology                                                                                                                         |
| Processor maximum frequency                | 5.2                                                                                                                                                   |
| Processor maximum frequency uom            | GHz                                                                                                                                                   |
| Processor model                            | 255HX                                                                                                                                                 |
| Processor threads                          | 20                                                                                                                                                    |
| Product brand name                         | HP                                                                                                                                                    |
| Product long name specifications           | OMEN MAX Gaming Laptop 16-ah0020ca, Windows 11 Home, 16", Intel® Core™ Ultra 7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 5070, 2K, Shadow black        |
| Product long name specifications V2        | OMEN MAX Gaming Laptop 16, Windows 11 Home, 16", Intel® Core™ Ultra 7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 5070, 2K, Shadow black                 |
| Product short name specifications          | OMEN MAX Gaming Laptop 16-ah0020ca, 16", Intel® Core™ Ultra 7, 32GB RAM, 1TB SSD                                                                      |
| Screen-to-body ratio (without speakers)    | 88.81% <sup>[18]</sup>                                                                                                                                |

|                               |             |
|-------------------------------|-------------|
| Storage capacity              | 1           |
| Storage capacity uom 01       | TB          |
| Storage form factor 01        | M.2         |
| Storage interface 01          | PCIe® Gen 4 |
| Storage interface protocol 01 | NVMe™       |
| Storage type                  | SSD         |
| Storage type 01               | SSD         |
| Thunderbolt™ 4 ports          | 2           |
| Touchscreen                   | No          |
| UNSPSC code                   | 43211503    |
| USB Type-A                    | 2           |
| Wireless Model                | BE200       |
| Wireless antenna              | 2x2         |
| Wireless standard             | Wi-Fi 7     |
| Wireless supplier             | Intel®      |

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

[5] Recharges your battery up to 50% within 30 minutes when the system is off using “shut down” command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see <http://store.hp.com>). After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products.

[6] 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, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[24] Must activate within 180 days of Windows activation.

[42] For optimal performance and battery chargeability while gaming and rendering, use the power adapter that ships with the PC. You can use the 100W/20V Type-C adapter or power bank

*when running light loading tasks. System-off charging is only supported on 20V Type-C adapter or power bank.*

*[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.*

*[46] Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.*

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# Accessories for PC

## Power

★ : Recommended

### Power Adapters

|                              |         |
|------------------------------|---------|
| HP 140W USB-C Laptop Charger | B7NK0AA |
| HP 140W USB-C Laptop Charger | B7NM4AA |
| HP 330W Smart AC Adapter     | BF7A6AA |

## Keyboards/Other Input Devices

### Wired Combo

|                                             |         |
|---------------------------------------------|---------|
| HP 150 Wired Mouse and Keyboard Combination | 240J7AA |
|---------------------------------------------|---------|

## Monitors

### Business Monitors

★ : Recommended

#### E-Series

|                                           |         |          |
|-------------------------------------------|---------|----------|
| HP E22 G5 FHD Monitor                     | 6N4E8AA |          |
| HP E22 G5 FHD Monitor                     | 6N4E8AS |          |
| HP E22 G5 FHD Monitor                     | 6N4E8E9 |          |
| HP E24 G5 FHD Monitor                     | 6N6E9AA |          |
| HP E24 G5 FHD No Stand Monitor            | 6N6E9A9 |          |
| HP E24i G4 WUXGA Monitor                  | 9VJ40A3 |          |
| HP E24i G4 WUXGA Monitor                  | 9VJ40A7 |          |
| HP E24i G4 WUXGA Monitor                  | 9VJ40AA |          |
| HP E24i G4 WUXGA Monitor 9VJ40AS          | 9VJ40AS |          |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32A7 |          |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32AA |          |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32AS |          |
| HP E24m G4 FHD USB-C Conferencing Monitor | 40Z32E9 |          |
| HP E24mv G4 FHD Conferencing Monitor      | 169L0AA |          |
| HP E24mv G4 FHD Conferencing Monitor      | 169L0AS |          |
| HP E24mv G4 FHD Conferencing Monitor      | 169L0E9 |          |
| HP E24q G5 QHD Monitor                    | 6N4F1AA |          |
| HP E24t G5 FHD Touch Monitor              | 6N6E6AA |          |
| HP E24t G5 FHD Touch Monitor              | 6N6E6AS |          |
| HP E24t G5 FHD Touch Monitor              | 6N6E6E9 |          |
| HP E24u G5 FHD USB-C Monitor              | 6N4D0A5 | obsolete |
| HP E24u G5 FHD USB-C Monitor              | 6N4D0AA |          |
| HP E24u G5 FHD USB-C Monitor              | 6N4D0AS | obsolete |
| HP E24u G5 FHD USB-C Monitor              | 6N4D0E9 | obsolete |
| HP E27 G5 FHD Monitor                     | 6N4E2A5 |          |
| HP E27 G5 FHD Monitor                     | 6N4E2AA |          |
| HP E27 G5 FHD Monitor                     | 6N4E2AL |          |
| HP E27 G5 FHD Monitor                     | 6N4E2AS |          |
| HP E27 G5 FHD Monitor                     | 6N4E2E9 |          |
| HP E27k G5 4K USB-C Monitor               | 6N4C4AA |          |

|                                                                 |         |
|-----------------------------------------------------------------|---------|
| HP E27k G5 4K USB-C Monitor                                     | 6N4C4AS |
| HP E27k G5 4K USB-C Monitor                                     | 6N4C4E9 |
| HP E27m G4 QHD USB-C Conferencing Aramco Monitor - E27m         | B20C6AS |
| HP E27m G4 QHD USB-C Conferencing Monitor                       | 40Z29A7 |
| HP E27m G4 QHD USB-C Conferencing Monitor                       | 40Z29AA |
| HP E27m G4 QHD USB-C Conferencing Monitor                       | 40Z29AS |
| HP E27m G4 QHD USB-C Conferencing Monitor                       | 40Z29E9 |
| HP E27u G5 QHD USB-C Monitor                                    | 6N4D3A5 |
| HP E27u G5 QHD USB-C Monitor                                    | 6N4D3AA |
| HP E27u G5 QHD USB-C Monitor                                    | 6N4D3AS |
| HP E27u G5 QHD USB-C Monitor                                    | 6N4D3E9 |
| HP E32k G5 4K USB-C Monitor                                     | 6N4D6A5 |
| HP E32k G5 4K USB-C Monitor                                     | 6N4D6AA |
| HP E32k G5 4K USB-C Monitor                                     | 6N4D6AS |
| HP E32k G5 4K USB-C Monitor                                     | 6N4D6E9 |
| HP E34m G4 WQHD Curved USB-C Conferencing Aramco Monitor - E34m | B20C5AS |
| HP E34m G4 WQHD Curved USB-C Conferencing Monitor               | 40Z26A7 |
| HP E34m G4 WQHD Curved USB-C Conferencing Monitor               | 40Z26AA |
| HP E34m G4 WQHD Curved USB-C Conferencing Monitor               | 40Z26AS |
| HP E34m G4 WQHD Curved USB-C Conferencing Monitor               | 40Z26E9 |
| HP E45c G5 DQHD Curved Monitor                                  | 6N4C1AA |
| HP E45c G5 DQHD Curved Monitor                                  | 6N4C1AS |
| HP E45c G5 DQHD Curved Monitor                                  | 6N4C1E9 |

## Business LCD Monitors

|                            |         |
|----------------------------|---------|
| HP P204v 19.5-inch Monitor | 5RD66A7 |
| HP P204v 19.5-inch Monitor | 5RD66AA |

## P-Series

|                               |         |
|-------------------------------|---------|
| HP P22 G5 FHD Monitor         | 64X86AA |
| HP P22a G5 FHD Monitor - P22a | 8D5J1AA |
| HP P22b G5 FHD Monitor - P22b | 8D5K4AA |
| HP P22h G5 FHD Monitor        | 64W30A7 |
| HP P22h G5 FHD Monitor        | 64W30AA |
| HP P22h G5 FHD Monitor        | 64W30AS |
| HP P22v G5 FHD Monitor        | 64V81AA |

|                                               |         |
|-----------------------------------------------|---------|
| HP P22v G5 FHD Monitor                        | 64V81AS |
| HP P22v G5 FHD Value Monitor - P22v           | 7N909AT |
| HP P24 G5 FHD Monitor                         | 64X66AA |
| HP P24a G5 FHD Monitor - P24a                 | 8D5J5AA |
| HP P24h G4 FHD Height-Adjust Monitor          | 9UJ13A8 |
| HP P24h G4 FHD Height-Adjust Monitor          | 9UJ13AA |
| HP P24h G4 FHD Height-Adjust Monitor - SING   | 7VH44AA |
| HP P24h G5 FHD Monitor                        | 64W34A7 |
| HP P24h G5 FHD Monitor                        | 64W34AA |
| HP P24h G5 FHD Monitor                        | 64W34AF |
| HP P24h G5 FHD Monitor                        | 64W34AS |
| HP P24v G5 FHD Monitor                        | 64W18AA |
| HP P24v G5 FHD Value Monitor - P24v           | 7N914AT |
| HP P27 G5 FHD Monitor                         | 64X69A7 |
| HP P27 G5 FHD Monitor                         | 64X69AA |
| HP P27 G5 FHD Monitor                         | 64X69AS |
| HP P27h G5 FHD Monitor                        | 64W41A7 |
| HP P27h G5 FHD Monitor                        | 64W41AA |
| HP P27h G5 FHD Monitor                        | 64W41AS |
| HP P34hc G4 WQHD USB-C Curved Monitor - P34hc | 21Y56A7 |
| HP P34hc G4 WQHD USB-C Curved Monitor - P34hc | 21Y56AA |
| HP P34hc G4 WQHD USB-C Curved Monitor - P34hc | 21Y56AS |

### Series 3 Pro

|                                                |         |
|------------------------------------------------|---------|
| HP Series 3 Pro 21.45 inch FHD Monitor - 322pv | 9U5A2A6 |
| HP Series 3 Pro 21.45 inch FHD Monitor - 322pv | 9U5A2AA |
| HP Series 3 Pro 21.45 inch FHD Monitor - 322pv | 9U5A2AS |
| HP Series 3 Pro 21.5 inch FHD Monitor - 322pf  | 9U5B0AF |
| HP Series 3 Pro 21.5 inch FHD Monitor - 322pf  | 9U5B0AS |
| HP Series 3 Pro 21.5 inch FHD Monitor - 322pf  | 9U5B0UT |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pf  | 9U5J5AF |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pf  | 9U5J5AS |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pf  | 9U5J5UT |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pv  | 9U5C1A6 |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pv  | 9U5C1AA |
| HP Series 3 Pro 23.8 inch FHD Monitor - 324pv  | 9U5C1AS |

## Series 5 Pro

|                                                        |         |
|--------------------------------------------------------|---------|
| HP Series 5 Pro 23.8 inch FHD Monitor - 524pf          | 9D9L6A5 |
| HP Series 5 Pro 23.8 inch FHD Monitor - 524pf          | 9D9L6AL |
| HP Series 5 Pro 23.8 inch FHD Monitor - 524pf          | 9D9L6UT |
| HP Series 5 Pro 23.8 inch FHD No Stand Monitor - 524pf | 9D9L6A9 |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu    | 9D9V7A5 |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu    | 9D9V7AA |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu    | 9D9V7AS |
| HP Series 5 Pro 23.8 inch FHD USB-C Monitor - 524pu    | 9D9V7E9 |
| HP Series 5 Pro 24 inch WUXGA Monitor - 524pn          | 9D9A7A5 |
| HP Series 5 Pro 24 inch WUXGA Monitor - 524pn          | 9D9A7AA |
| HP Series 5 Pro 27 inch QHD Monitor - 527pq            | 9D9S0A5 |
| HP Series 5 Pro 27 inch QHD Monitor - 527pq            | 9D9S0UT |
| HP Series 5 Pro 27 inch QHD No Stand Monitor - 527pq   | 9D9S0A9 |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu      | 9E0G5A5 |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu      | 9E0G5AA |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu      | 9E0G5AS |
| HP Series 5 Pro 27 inch QHD USB-C Monitor - 527pu      | 9E0G5E9 |

## Series 7 Pro

|                                                          |         |
|----------------------------------------------------------|---------|
| HP Series 7 Pro 23.8 inch FHD Monitor - 724pf            | 8X530A5 |
| HP Series 7 Pro 23.8 inch FHD Monitor - 724pf            | 8X530AA |
| HP Series 7 Pro 23.8 inch FHD Monitor - 724pf            | 8X530E9 |
| HP Series 7 Pro 24 inch WUXGA Monitor - 724pn            | 8X534A5 |
| HP Series 7 Pro 24 inch WUXGA Monitor - 724pn            | 8X534AA |
| HP Series 7 Pro 24 inch WUXGA Monitor - 724pn            | 8X534E9 |
| HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu      | 8Y2F7A5 |
| HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu      | 8Y2F7AA |
| HP Series 7 Pro 24 inch WUXGA USB-C Monitor - 724pu      | 8Y2F7E9 |
| HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm  | 8K135A5 |
| HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm  | 8K135AA |
| HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm  | 8K135E9 |
| HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk | 8J9G2A5 |
| HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk | 8J9G2AA |
| HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk | 8J9G2E9 |

|                                                               |         |
|---------------------------------------------------------------|---------|
| HP Series 7 Pro 27 inch QHD Monitor - 727pq                   | 8J4D8A5 |
| HP Series 7 Pro 27 inch QHD Monitor - 727pq                   | 8J4D8AA |
| HP Series 7 Pro 27 inch QHD Monitor - 727pq                   | 8J4D8E9 |
| HP Series 7 Pro 27 inch QHD Monitor - 727pq                   | 8J4D8UT |
| HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu     | 8J9E6A5 |
| HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu     | 8J9E6AA |
| HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu     | 8J9E6E9 |
| HP Series 7 Pro 27 inch QHD Thunderbolt 4 Monitor - 727pu     | 8J9E6UT |
| HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk    | 8Y2K9A5 |
| HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk    | 8Y2K9AA |
| HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk    | 8Y2K9E9 |
| HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm     | 8K157A5 |
| HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm     | 8K157AA |
| HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm     | 8K157E9 |
| HP Series 7 Pro 34 inch WQHD Conferencing Monitor - 734pm     | 8K157UT |
| HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu | 8K167A5 |
| HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu | 8K167AA |
| HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu | 8K167E9 |
| HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm   | 8Y2R2A5 |
| HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm   | 8Y2R2AA |
| HP Series 7 Pro 39.7 inch 5K2K Conferencing Monitor - 740pm   | 8Y2R2E9 |

## Z Displays

|                                     |         |          |
|-------------------------------------|---------|----------|
| HP Z24m G3 QHD Conferencing Display | 4Q8N9A7 | obsolete |
| HP Z24m G3 QHD Conferencing Display | 4Q8N9AA | obsolete |
| HP Z24m G3 QHD Conferencing Display | 4Q8N9AT | obsolete |
| HP Z24m G3 QHD Conferencing Display | 4Q8N9E9 | obsolete |
| HP Z24q G3 QHD Display              | 4Q8N4AA |          |
| HP Z24q G3 QHD Display              | 4Q8N4E9 |          |

## HP Home Monitors

### OMEN by HP Displays

|                                                    |         |
|----------------------------------------------------|---------|
| OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2 | AV4K1AA |
| OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2 | AV4K1A5 |
| OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2 | AV4K1E9 |

|                                                                            |         |
|----------------------------------------------------------------------------|---------|
| OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2                         | AV4K2A6 |
| OMEN 27 inch FHD 180Hz Gaming Monitor - OMEN 27 G2                         | AV4K2AA |
| OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2                        | AV4H6AA |
| OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2                        | AV4H6AS |
| OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2                        | AV4H6E9 |
| OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2                        | AV4H7A6 |
| OMEN 27 inch QHD 180Hz Gaming Monitor - OMEN 27q G2                        | AV4H7AA |
| OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2                       | AW3V0AA |
| OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2                       | AW3V0AS |
| OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2                       | AW3V0E9 |
| OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2                       | AW3V1A6 |
| OMEN 27 inch QHD 280Hz Gaming Monitor - OMEN 27qs G2                       | AW3V1AA |
| OMEN 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x                   | 99Z68AA |
| OMEN 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x                   | 99Z68AS |
| OMEN 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x                   | 99Z68E9 |
| OMEN 31.5 inch UHD 144Hz Smart Gaming Monitor - OMEN 32x                   | 99Z69AA |
| OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2                | AV4C1AA |
| OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2                | AV4C1AS |
| OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2                | AV4C1E9 |
| OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2                | AV4E7A6 |
| OMEN 34 inch WQHD 180Hz Curved Gaming Monitor - OMEN 34c G2                | AV4E7AA |
| OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32 | 9R181AA |
| OMEN Transcend 31.5 inch UHD 240Hz OLED Gaming Monitor - OMEN Transcend 32 | 9R181E9 |
| OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24                    | 780D9AA |
| OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24                    | 780D9AS |
| OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24                    | 780D9E9 |
| OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24                    | 780F0A6 |
| OMEN by HP 23.8 inch FHD 165Hz Gaming Monitor - OMEN 24                    | 780F0AA |
| OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27                      | 780F9AA |
| OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27                      | 780F9AS |
| OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27                      | 780F9E9 |
| OMEN by HP 27 inch FHD 165Hz Gaming Monitor - OMEN 27                      | 780G0AA |
| OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s                     | 780G5AA |
| OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s                     | 780G5AS |

|                                                                 |         |
|-----------------------------------------------------------------|---------|
| OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s          | 780G5E9 |
| OMEN by HP 27 inch FHD 240Hz Gaming Monitor - OMEN 27s          | 780G6AA |
| OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q          | 780H4AA |
| OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q          | 780H4AS |
| OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q          | 780H4E9 |
| OMEN by HP 27 inch QHD 165Hz Gaming Monitor - OMEN 27q          | 780H5AA |
| OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs         | 780J4AA |
| OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs         | 780J4AS |
| OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs         | 780J4E9 |
| OMEN by HP 27 inch QHD 240Hz Gaming Monitor - OMEN 27qs         | 780J5AA |
| OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k          | 780G8AA |
| OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k          | 780G8AS |
| OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k          | 780G8E9 |
| OMEN by HP 27 inch UHD 144Hz Gaming Monitor - OMEN 27k          | 780G9AA |
| OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c | 780K6AA |
| OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c | 780K6AS |
| OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c | 780K6E9 |
| OMEN by HP 31.5 inch QHD 165Hz Curved Gaming Monitor - OMEN 32c | 780K7AA |
| OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q        | 780K0AA |
| OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q        | 780K0AS |
| OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q        | 780K0E9 |
| OMEN by HP 31.5 inch QHD 165Hz Gaming Monitor - OMEN 32q        | 780K1AA |
| OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c  | 780K8AA |
| OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c  | 780K8AS |
| OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c  | 780K8E9 |
| OMEN by HP 34 inch WQHD 165Hz Curved Gaming Monitor - OMEN 34c  | 780K9AA |

# HyperX Gaming Peripherals

## HyperX Gaming Headsets

★ : Recommended

### HyperX Cloud Wireless Headset SC

|                                               |         |
|-----------------------------------------------|---------|
| HyperX Cloud III Wireless BLK/RED GAM HEADSET | 77Z46AA |
|-----------------------------------------------|---------|

## HyperX Accessories

### HyperX Backpacks

|                        |         |
|------------------------|---------|
| HyperX Knight Backpack | 8C525AA |
|------------------------|---------|

## HyperX Gaming Mice

### HyperX Pulsefire Haste Mice SC

|                                                       |         |
|-------------------------------------------------------|---------|
| HyperX Pulsefire Haste 2 Pro 4k Wireless Gaming Mouse | A1KY5AA |
|-------------------------------------------------------|---------|

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