



# OMEN by HP 45L GT22-1019na AMD Ryzen™ 7 7700X 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Windows 11 Home Tower PC Black

Brand : HP

Product family: OMEN by HP

Product code: 8C6U1EA

Product name : 45L GT22-1019na

- AMD Ryzen™ 7 7700X (up to 5.4 GHz max boost clock, 32 MB L3 cache, 8 cores, 16 threads)
- Windows 11 Home
- NVIDIA® GeForce RTX™ 4080 (16 GB GDDR6X dedicated)
- 32 GB memory; 1 TB SSD storage

OMEN by HP 45L Gaming Desktop GT22-1019na PC, Windows 11 Home, AMD Ryzen™ 7, 32GB RAM, 1TB SSD, NVIDIA® GeForce RTX™ 4080

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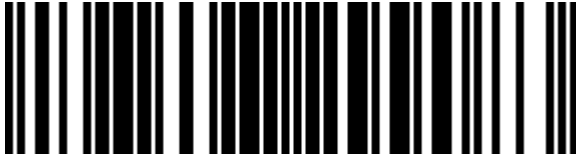
Extremely cool inside and out

Built for extreme performance, the OMEN by HP 45L Gaming Desktop PC is designed for gaming from the ground up. Powered by the latest AMD Processor<sup>[1]</sup>, the OMEN by HP gaming desktop takes cooling to incredible heights with a unique cooling chamber. Created for easy tool-less upgradeability with industry standard components to meet your gaming needs.



| Processor                          |              | Ports & interfaces                                |   |
|------------------------------------|--------------|---|---|
| Processor manufacturer *           | AMD          | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2   |
| Processor family *                 | AMD Ryzen™ 7 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1   |
| Processor model *                  | 7700X        | DisplayPorts quantity                             | 1   |
| Processor cores                    | 8            | DisplayPort version                               | 1.4a                                      |
| Processor threads                  | 16           | Ethernet LAN (RJ-45) ports                        | 1   |
| Processor boost frequency          | 5.4 GHz      | Microphone in                                     | ✓   |
| Processor frequency *              | 4.5 GHz      | Line-out  | ✓   |
| Processor cache                    | 32 MB        | Line-in   | ✓   |
| Processor cache type               | L3           | Combo headphone/mic port                          | ✓   |
| Memory                             |              | Expansion slots                                   |   |
| Internal memory *                  | 32 GB        | PCI Express x4 slots                              | 1   |
| Maximum internal memory *          | 128 GB       | PCI Express x16 slots                             | 1   |
| Internal memory type               | DDR5-SDRAM   | Design  |   |
| Memory layout (slots x size)       | 2 x 16 GB    | Chassis type *                                    | Tower                                     |
| Memory slots                       | 4x DIMM      | Colour name                                       | Black, glass side panel, dark chrome logo |
| Memory clock speed                 | 5200 MHz     | Product colour *                                  | Black                                     |
| Internal memory manufacturer       | Kingston     | RGB memory lighting                               | ✓   |
| Storage                            |              | Performance                                       |   |
| Total storage capacity *           | 1 TB         | Market positioning                                | Gaming                                    |
| Storage media *                    | SSD          | Motherboard chipset                               | AMD B650                                  |
| Optical drive type *               | ✗            |   |   |
| Number of storage drives installed | 1            |   |   |
| Total SSDs capacity                | 1 TB         |   |   |

|   |                         |  |   |
|---|-------------------------|--|---|
| <b>Storage</b>                                    |                         | <b>Performance</b>                     |   |
| Number of SSDs installed                          | 1                       | Motherboard form factor                | micro ATX   |
| SSD capacity                                      | 1 TB                    | Audio system                           | DTS:X Ultra   |
| SSD memory type                                   | TLC                     | Audio output channels                  | 5.1 channels  |
| SSD interface                                     | PCI Express             | Password protection                    | ✓   |
| NVMe  | ✓                       | Password protection type               | BIOS, Power on, User  |
| SSD form factor                                   | M.2                     | Product type *                         | PC  |
| <b>Graphics</b>                                   |                         | <b>Software</b>                        |   |
| Discrete graphics card *                          | ✓                       | Operating system installed *           | Windows 11 Home   |
| Discrete GPU manufacturer                         | NVIDIA                  |  | ExpressVPN (30 day free trial); LastPass Premium (30 day free trial), 1 month trial for new       |
| On-board graphics card *                          | ✓                       | Pre-installed software                 | Microsoft 365 customers, McAfee Online Protection 30-day trial; Xbox Game Pass 1-month free trial |
| Discrete graphics card model *                    | NVIDIA GeForce RTX 4080 |  | 25 GB Dropbox storage for 12 months   |
| Discrete graphics card memory                     | 16 GB                   | Trial software                         |   |
| Discrete graphics memory type                     | GDDR6X                  |  |   |
| Number of discrete graphics cards                 | 1                       |  |   |
| On-board GPU manufacturer                         | AMD                     |  |   |
| On-board graphics card model *                    | AMD Radeon Graphics     |  |   |
| <b>Network</b>                                    |                         | <b>Processor special features</b>      |   |
| Ethernet LAN *                                    | ✓                       | Intel Extreme Memory Profile (XMP)     | ✓   |
| Ethernet LAN data rates                           | 10,100,1000 Mbit/s      | <b>Brand-specific features</b>         |   |
| Cabling technology                                | 10/100/1000Base-T(X)    | HP Security tools                      | Chassis side cover lock   |
| Wi-Fi *   | ✓                       | HP Software provided                   | HP Connection Optimizer; HP Support Assistant; OMEN Gaming Hub; HP Enhanced Lighting; myHP        |
| Top Wi-Fi standard                                | Wi-Fi 6E (802.11ax)     | HP GTIN (EAN/UPC)                      | 197497299083  |
| Wi-Fi standards                                   | Wi-Fi 6E (802.11ax)     | HP segment                             | Home  |
| WLAN controller manufacturer                      | Realtek                 |  |   |
| WLAN controller model                             | RZ616                   | <b>Power</b>                           |   |
| Antenna type                                      | 2x2                     | Power supply *                         | 1200 W  |
| Bluetooth   | ✓                       | 80 PLUS certification                  | 80 PLUS Gold  |
| Bluetooth version                                 | 5.3                     | <b>Sustainability</b>                  |   |
| <b>Ports &amp; interfaces</b>                     |                         | Sustainability compliance              | ✓   |
| USB 2.0 ports quantity *                          | 4                       | Sustainability certificates            | ENERGY STAR   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4                       | Sustainable technologies and materials | Water based paint   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1                       | <b>Weight &amp; dimensions</b>         |   |
|   |                         | Width *                                | 204 mm  |
|   |                         | Depth *                                | 470 mm  |
|   |                         | Height *                               | 555 mm  |
|   |                         | Weight *                               | 22.6 kg   |
|   |                         | Package width                          | 592 mm  |
|   |                         | Package depth                          | 328 mm  |
|   |                         | Package height                         | 672 mm  |
|   |                         | Package weight                         | 25.2 kg   |
|   |                         | <b>Packaging content</b>               |   |
|   |                         | Display included *                     | ✗   |
|   |                         | <b>Logistics data</b>                  |   |
|   |                         | Harmonized System (HS) code            | 8471500000  |



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