



ENERGY STAR CERTIFIED

**Computers (Bold)**

# HP - OMEN by HP 16.1 inch Gaming Laptop PC ENERGY STAR : 16-wd

## Specifications

|                                                                                                                                                                  |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2408999                                           |
| Brand Name:                                                                                                                                                      | HP                                                |
| Model Name:                                                                                                                                                      | OMEN by HP 16.1 inch Gaming Laptop PC ENERGY STAR |
| Model Number:                                                                                                                                                    | 16-wd                                             |
| Type:                                                                                                                                                            | Notebook                                          |
| Category 2: Processor Brand:                                                                                                                                     | Intel                                             |
| Category 2: Processor Name:                                                                                                                                      | Core i9                                           |
| Category 2: Base Processor Speed Per Core (GHz):                                                                                                                 | 2.2                                               |
| Category 2: Physical CPU Cores (count):                                                                                                                          | 24                                                |
| Category 2: System Memory (GB):                                                                                                                                  | 32                                                |
| Category 2: Default Low-power Mode:                                                                                                                              | ALPM                                              |
| Category 2: Long Idle Power Used for Sleep Mode:                                                                                                                 | No                                                |
| Category 2: Off Mode (watts):                                                                                                                                    | 0.3                                               |
| Category 2: Sleep Mode (watts):                                                                                                                                  | 0.8                                               |
| Category 2: Long Idle (watts):                                                                                                                                   | 0.8                                               |
| Category 2: Short Idle (watts):                                                                                                                                  | 11.0                                              |
| Category 2: Base TEC Allowance (kWh):                                                                                                                            | 14                                                |
| Category 2: Functional Adder Allowances (kWh):                                                                                                                   | 21.8                                              |
| Category 2: TEC of Model (kWh):                                                                                                                                  | 32.6                                              |
| Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria: | 2                                                 |
| Category 2: Operating System Name:                                                                                                                               | Windows 11                                        |
| Sleep Mode Default Time Upon Shipment (min.):                                                                                                                    | 5                                                 |
| Display Sleep Mode Default Time Upon Shipment (min.):                                                                                                            | 5                                                 |
| Will the Speed of Any Active 1 GB/s or Higher Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:                    | Yes                                               |
| Ethernet Capability:                                                                                                                                             | Yes                                               |

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Touch Screen:             | No                                                |
| Date Available On Market: | 2023-03-24                                        |
| Date Certified:           | 2023-02-27                                        |
| Markets:                  | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:    | Yes                                               |

## Additional Model Information

,16-wf,,16t-wf,, OMEN by HP Gaming Laptop ENERGY STAR,16t-wd,

|           |                                                                                                                                                                                                                                                                          |
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| UPC Codes | 197029295842, 197029295866, 197029295873, 197029295880, 197029295897, 197029295927, 197029295941, 197029295958, 197029295965, 197029295972, 197029509352, 197029509369, 197029509383, 197029509390, 197029509406, 197029991447, 197029991461, 197029991478, 197029991485 |
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Captured On:  
06/18/2025