



ENERGY STAR CERTIFIED

Computers (Bold)

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

Specifications

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| ENERGY STAR Unique ID: | 2409749 |
| Brand Name: | HP |
| Model Name: | OMEN by HP 16.1 inch Gaming Laptop PC ENERGY STAR |
| Model Number: | 16-xd |
| Type: | Notebook |
| Category 2: Processor Brand: | AMD |
| Category 2: Processor Name: | Ryzen 9 |
| Category 2: Base Processor Speed Per Core (GHz): | 4.0 |
| Category 2: Physical CPU Cores (count): | 8 |
| 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): | 0.9 |
| Category 2: Long Idle (watts): | 0.9 |
| Category 2: Short Idle (watts): | 10.0 |
| Category 2: Base TEC Allowance (kWh): | 14 |
| Category 2: Functional Adder Allowances (kWh): | 24.0 |
| Category 2: TEC of Model (kWh): | 31.0 |
| 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 |

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|---------------------------|---|
| Touch Screen: | No |
| Date Available On Market: | 2023-05-06 |
| Date Certified: | 2023-03-07 |
| Markets: | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified: | Yes |

Additional Model Information

,16-xf,,16z-xf,, OMEN by HP Gaming Laptop ENERGY STAR,16z-xd,

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| UPC Codes | 197029313225, 197029313232, 197029313249, 197029313256, 197029313263, 197029313270, 197029313287, 197029313294, 197029313317, 197029313324, 197029570710, 197029570727, 197029570734, 197029570741, 197029570758, 197029570765, 197192650035, 197192650042, 197192650059, 197192650066, 197192650073, 197192650080, 197192650097 |
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Captured On:
06/18/2025