



ENERGY STAR CERTIFIED

**Computers (Bold)**

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

## Specifications

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

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,

UPC Codes	197029313317, 197029313324, 197029570710, 197029570727, 197029570734, 197029570741, 197029570758, 197029570765, 197192650035, 197192650042, 197192650059, 197192650066, 197192650073, 197192650080, 197192650097, 197029313225, 197029313232, 197029313249, 197029313256, 197029313263, 197029313270, 197029313287, 197029313294
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Captured On:  
07/17/2025