



ENERGY STAR CERTIFIED

**Computers (Bold)**

# HP - OMEN by HP 45L Gaming Desktop PC GT22 ENERGY STAR : GT22

## Specifications

ENERGY STAR Unique ID:	2382340
Brand Name:	HP
Model Name:	OMEN by HP 45L Gaming Desktop PC GT22 ENERGY STAR
Model Number:	GT22
Type:	Desktop
Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:	Desktop D2, Desktop I2 or Integrated Desktop 2
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	i9-13900K
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	24
Category I2: Base Processor Speed Per Core (GHz):	3.0
Category I2: System Memory (GB):	64
Category I2: Default Low-power Mode:	ALPM
Category I2: Long Idle Power Used for Sleep Mode:	Yes
Category I2: Off Mode (watts):	0.3
Category I2: Sleep Mode (watts):	2.5
Category I2: Long Idle (watts):	2.5
Category I2: Short Idle (watts):	18.8
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	33.6
Category I2: TEC of Model (kWh):	61.9
Category D2: Processor Brand:	AMD
Category D2: Processor Name:	Ryzen 9
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	12
Category D2: Base Processor Speed Per Core (GHz):	3.7
Category D2: System Memory (GB):	64

<b>Category D2: Default Low-power Mode:</b>	ALPM
<b>Category D2: Long Idle Power Used for Sleep Mode:</b>	No
<b>Category D2: Off Mode (watts):</b>	0.2
<b>Category D2: Sleep Mode (watts):</b>	2.9
<b>Category D2: Long Idle (watts):</b>	2.9
<b>Category D2: Short Idle (watts):</b>	44.8
<b>Category D2: Base TEC Allowance (kWh):</b>	45
<b>Category D2: Functional Adder Allowances (kWh):</b>	106.9
<b>Category D2: TEC of Model (kWh):</b>	131.8
<b>Sleep Mode Default Time Upon Shipment (min.):</b>	10
<b>Display Sleep Mode Default Time Upon Shipment (min.):</b>	10
<b>WOL (Wake on LAN) From Sleep:</b>	Shipped Enabled Under All Conditions
<b>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?:</b>	Yes
<b>WLAN Capability:</b>	Yes
<b>Ethernet Capability:</b>	Yes
<b>Bluetooth Capability:</b>	Yes
<b>Touch Screen:</b>	No
<b>Date Available On Market:</b>	2021-09-07
<b>Date Certified:</b>	2021-07-21
<b>Markets:</b>	United States, Switzerland, Taiwan, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

OMEN by HP 40L Gaming Desktop PC GT21 ENERGY STAR,GT21,

**Captured On:**  
07/18/2025