



## ENERGY STAR CERTIFIED Computers

### HP - HP ProBook 445 G8 Notebook PC ENERGY STAR : HSN-Q31C

#### Specifications

|                                                                                                                                                                  |                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2371592                                   |
| Brand Name:                                                                                                                                                      | HP                                        |
| Model Name:                                                                                                                                                      | HP ProBook 445 G8 Notebook PC ENERGY STAR |
| Model Number:                                                                                                                                                    | HSN-Q31C                                  |
| Type:                                                                                                                                                            | Notebook                                  |
| Category 2: Processor Brand:                                                                                                                                     | AMD                                       |
| Category 2: Processor Name:                                                                                                                                      | Ryzen 5                                   |
| Category 2: Base Processor Speed Per Core (GHz):                                                                                                                 | 2.3                                       |
| Category 2: Physical CPU Cores (count):                                                                                                                          | 6                                         |
| 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):                                                                                                                                  | 0.6                                       |
| Category 2: Long Idle (watts):                                                                                                                                   | 0.6                                       |
| Category 2: Short Idle (watts):                                                                                                                                  | 4.3                                       |
| Category 2: Base TEC Allowance (kWh):                                                                                                                            | 14                                        |
| Category 2: Functional Adder Allowances (kWh):                                                                                                                   | 19.9                                      |
| Category 2: TEC of Model (kWh):                                                                                                                                  | 12.7                                      |
| 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 10                                |
| Sleep Mode Default Time Upon Shipment (min.):                                                                                                                    | 10                                        |
| Display Sleep Mode Default Time Upon Shipment (min.):                                                                                                            | 10                                        |
| WOL (Wake on LAN) From Sleep:                                                                                                                                    | Shipped Enabled Under All Conditions      |
| 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: | 2021-01-29                                        |
| Date Certified:           | 2020-12-22                                        |
| Markets:                  | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:    | Yes                                               |

## Additional Model Information

HP ProBook 445 G8X ENERGY STAR,,, HP ZHAN 66 Pro A 14 G4 Notebook PC ENERGY STAR,,, HP ZHAN 66 Pro A 14 G4 X ENERGY STAR,,

Captured On:  
04/25/2025