



ENERGY STAR CERTIFIED

**Computers (Bold)**

## HP - HP EliteBook 650 G9 ENERGY STAR : HSN-Q33C-5

## Specifications

|                                                  |                                 |
|--------------------------------------------------|---------------------------------|
| ENERGY STAR Unique ID:                           | 2393388                         |
| Brand Name:                                      | HP                              |
| Model Name:                                      | HP EliteBook 650 G9 ENERGY STAR |
| Model Number:                                    | HSN-Q33C-5                      |
| Type:                                            | Notebook                        |
| Category 1: Processor Brand:                     | Intel                           |
| Category 1: Processor Name:                      | Core i3                         |
| Category 1: Base Processor Speed Per Core (GHz): | 1.2                             |
| Category 1: Physical CPU Cores (count):          | 6                               |
| Category 1: System Memory (GB):                  | 64                              |
| Category 1: Default Low-power Mode:              | ALPM                            |
| Category 1: Long Idle Power Used for Sleep Mode: | No                              |
| Category 1: Off Mode (watts):                    | 0.3                             |
| Category 1: Sleep Mode (watts):                  | 1.5                             |
| Category 1: Long Idle (watts):                   | 1.5                             |
| Category 1: Short Idle (watts):                  | 5.4                             |
| Category 1: Base TEC Allowance (kWh):            | 8                               |
| Category 1: Functional Adder Allowances (kWh):   | 30.8                            |
| Category 1: TEC of Model (kWh):                  | 19.3                            |
| Category 2: Processor Brand:                     | Intel                           |
| Category 2: Processor Name:                      | Core i7                         |
| Category 2: Base Processor Speed Per Core (GHz): | 1.8                             |
| Category 2: Physical CPU Cores (count):          | 10                              |
| Category 2: System Memory (GB):                  | 64                              |
| 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):                  | 1.3                             |
| Category 2: Long Idle (watts):                   | 1.3                             |
| Category 2: Short Idle (watts):                  | 4.3                             |

|                                                                                                                                                                  |                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Category 2: Base TEC Allowance (kWh):                                                                                                                            | 14                                                |
| Category 2: Functional Adder Allowances (kWh):                                                                                                                   | 30.8                                              |
| Category 2: TEC of Model (kWh):                                                                                                                                  | 15.5                                              |
| Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria: | 1                                                 |
| Category 1: Operating System Name:                                                                                                                               | Windows 11                                        |
| Category 2: Operating System Name:                                                                                                                               | Windows 11                                        |
| Sleep Mode Default Time Upon Shipment (min.):                                                                                                                    | 10                                                |
| Display Sleep Mode Default Time Upon Shipment (min.):                                                                                                            | 10                                                |
| 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:                                                                                                                                        | 2022-03-24                                        |
| Date Certified:                                                                                                                                                  | 2022-02-25                                        |
| Markets:                                                                                                                                                         | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:                                                                                                                                           | Yes                                               |

## Additional Model Information

HP EliteBook 650 15.6 inch G10 Notebook PC ENERGY STAR,,, HP EliteBook 650 15.6 inch G9 Notebook PC ENERGY STAR,,

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| UPC Codes | 197029097361, 197029097378, 197029097385, 197029097392, 197029097408, 197029097415, 197029097422, 197029097439, 197029097446, 197029097453, 197029097460, 197029097477, 197029097484, 197029097491, 197029097507, 197029097514, 197029097521, 197029097538, 197029097545, 197029097552, 197029097569, 197029097576, 197029097583, 197029097590, 197029097606, 197029097613, 197029097620, 197029097637, 197029097644, 197029097651, 197029097668, 197029097675, 197029097682, 197029097699, 197029097705, 197029097712, 197029759580, 197029759597, 197029759603, 197029759610, 197029759627, 197029759634 |
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**Captured On:**  
07/17/2025