



# ENERGY STAR CERTIFIED Computers (Bold)

## Samsung - NP850XCJ : NP850XCJ

### Specifications

|                                                                                                                                                                  |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2357807                              |
| Brand Name:                                                                                                                                                      | Samsung                              |
| Model Name:                                                                                                                                                      | NP850XCJ                             |
| Model Number:                                                                                                                                                    | NP850XCJ                             |
| Type:                                                                                                                                                            | Notebook                             |
| Category 2: Processor Brand:                                                                                                                                     | Intel                                |
| Category 2: Processor Name:                                                                                                                                      | i7-10750H                            |
| Category 2: Base Processor Speed Per Core (GHz):                                                                                                                 | 2.6                                  |
| Category 2: Physical CPU Cores (count):                                                                                                                          | 6                                    |
| Category 2: System Memory (GB):                                                                                                                                  | 32                                   |
| Category 2: Off Mode (watts):                                                                                                                                    | 0.5                                  |
| Category 2: Sleep Mode (watts):                                                                                                                                  | 1.3                                  |
| Category 2: Long Idle (watts):                                                                                                                                   | 3.8                                  |
| Category 2: Short Idle (watts):                                                                                                                                  | 19.1                                 |
| Category 2: Base TEC Allowance (kWh):                                                                                                                            | 14                                   |
| Category 2: Functional Adder Allowances (kWh):                                                                                                                   | 66.7                                 |
| Category 2: TEC of Model (kWh):                                                                                                                                  | 58.6                                 |
| 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.):                                                                                                                    | 30                                   |
| 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?:                    | No                                   |
| Ethernet Capability:                                                                                                                                             | No                                   |
| Touch Screen:                                                                                                                                                    | Yes                                  |
| Date Available On Market:                                                                                                                                        | 2020-06-23                           |
| Date Certified:                                                                                                                                                  | 2020-04-10                           |

|                        |                       |
|------------------------|-----------------------|
| Markets:               | United States, Canada |
| ENERGY STAR Certified: | Yes                   |

Captured On:  
04/30/2025