



ENERGY STAR CERTIFIED

**Computers (Bold)**

## ASUS - D501MERES Series : D501MERC

## Specifications

|                                                                                                                                                                  |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 3845042                                       |
| Brand Name:                                                                                                                                                      | ASUS                                          |
| Model Name:                                                                                                                                                      | D501MERES Series                              |
| Model Number:                                                                                                                                                    | D501MERC                                      |
| 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:                                                                                                                                     | Core i7                                       |
| Category I2: Operating System Name:                                                                                                                              | Windows 11 Pro                                |
| Category I2: Physical CPU Cores (count):                                                                                                                         | 20                                            |
| Category I2: Base Processor Speed Per Core (GHz):                                                                                                                | 2.1                                           |
| Category I2: System Memory (GB):                                                                                                                                 | 64                                            |
| Category I2: Default Low-power Mode:                                                                                                                             | Sleep Mode                                    |
| Category I2: Long Idle Power Used for Sleep Mode:                                                                                                                | No                                            |
| Category I2: Off Mode (watts):                                                                                                                                   | 0.1                                           |
| Category I2: Sleep Mode (watts):                                                                                                                                 | 1.0                                           |
| Category I2: Long Idle (watts):                                                                                                                                  | 13.0                                          |
| Category I2: Short Idle (watts):                                                                                                                                 | 9.4                                           |
| Category I2: Base TEC Allowance (kWh):                                                                                                                           | 46                                            |
| Category I2: Functional Adder Allowances (kWh):                                                                                                                  | 33.6                                          |
| Category I2: TEC of Model (kWh):                                                                                                                                 | 39.9                                          |
| Category D2: Processor Brand:                                                                                                                                    | Intel                                         |
| Category D2: Processor Name:                                                                                                                                     | Core i7                                       |
| Category D2: Operating System Name:                                                                                                                              | Windows 11 Pro                                |
| Category D2: Physical CPU Cores (count):                                                                                                                         | 20                                            |
| Category D2: Base Processor Speed Per Core (GHz):                                                                                                                | 2.1                                           |
| Category D2: System Memory (GB):                                                                                                                                 | 64                                            |
| Category D2: Default Low-power Mode:                                                                                                                             | Sleep Mode                                    |

|                                                                                                                                                      |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Category D2: Long Idle Power Used for Sleep Mode:</b>                                                                                             | No                                   |
| <b>Category D2: Off Mode (watts):</b>                                                                                                                | 0.1                                  |
| <b>Category D2: Sleep Mode (watts):</b>                                                                                                              | 1.0                                  |
| <b>Category D2: Long Idle (watts):</b>                                                                                                               | 18.2                                 |
| <b>Category D2: Short Idle (watts):</b>                                                                                                              | 18.9                                 |
| <b>Category D2: Base TEC Allowance (kWh):</b>                                                                                                        | 45                                   |
| <b>Category D2: Functional Adder Allowances (kWh):</b>                                                                                               | 92.6                                 |
| <b>Category D2: TEC of Model (kWh):</b>                                                                                                              | 69.5                                 |
| <b>Sleep Mode Default Time Upon Shipment (min.):</b>                                                                                                 | 15                                   |
| <b>Display Sleep Mode Default Time Upon Shipment (min.):</b>                                                                                         | 5                                    |
| <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>                                                                                                                     | 2024-12-27                           |
| <b>Date Certified:</b>                                                                                                                               | 2024-12-05                           |
| <b>Markets:</b>                                                                                                                                      | United States, Canada                |
| <b>ENERGY STAR Certified:</b>                                                                                                                        | Yes                                  |

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