



ENERGY STAR CERTIFIED

# Computers (Bold)

## ASUS - D500TEC Series : M500TE

### Specifications

|                                                                                                                                                                  |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2404920                                                  |
| Brand Name:                                                                                                                                                      | ASUS                                                     |
| Model Name:                                                                                                                                                      | D500TEC Series                                           |
| Model Number:                                                                                                                                                    | M500TE                                                   |
| 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 D1,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):                                                                                                                         | 16                                                       |
| Category I2: Base Processor Speed Per Core (GHz):                                                                                                                | 2.1                                                      |
| Category I2: System Memory (GB):                                                                                                                                 | 16                                                       |
| Category I2: Default Low-power Mode:                                                                                                                             | Sleep Mode                                               |
| Category I2: Long Idle Power Used for Sleep Mode:                                                                                                                | No                                                       |
| Category I2: Off Mode (watts):                                                                                                                                   | 0.2                                                      |
| Category I2: Sleep Mode (watts):                                                                                                                                 | 1.0                                                      |
| Category I2: Long Idle (watts):                                                                                                                                  | 17.0                                                     |
| Category I2: Short Idle (watts):                                                                                                                                 | 17.7                                                     |
| Category I2: Base TEC Allowance (kWh):                                                                                                                           | 46                                                       |
| Category I2: Functional Adder Allowances (kWh):                                                                                                                  | 22.0                                                     |
| Category I2: TEC of Model (kWh):                                                                                                                                 | 65.8                                                     |
| Category D1: Processor Brand:                                                                                                                                    | Intel                                                    |
| Category D1: Processor Name:                                                                                                                                     | Pentium                                                  |
| Category D1: Operating System Name:                                                                                                                              | Windows 11 Pro                                           |
| Category D1: Physical CPU Cores (count):                                                                                                                         | 2                                                        |
| Category D1: Base Processor Speed Per Core (GHz):                                                                                                                | 3.7                                                      |
| Category D1: System Memory (GB):                                                                                                                                 | 16                                                       |
| Category D1: Default Low-power Mode:                                                                                                                             | Sleep Mode                                               |

|                                                                                                                                                      |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Category D1: Long Idle Power Used for Sleep Mode:</b>                                                                                             | No                                   |
| <b>Category D1: Off Mode (watts):</b>                                                                                                                | 0.3                                  |
| <b>Category D1: Sleep Mode (watts):</b>                                                                                                              | 1.1                                  |
| <b>Category D1: Long Idle (watts):</b>                                                                                                               | 26.2                                 |
| <b>Category D1: Short Idle (watts):</b>                                                                                                              | 28.1                                 |
| <b>Category D1: Base TEC Allowance (kWh):</b>                                                                                                        | 35                                   |
| <b>Category D1: Functional Adder Allowances (kWh):</b>                                                                                               | 87.5                                 |
| <b>Category D1: TEC of Model (kWh):</b>                                                                                                              | 101.5                                |
| <b>Category D2: Processor Brand:</b>                                                                                                                 | Intel                                |
| <b>Category D2: Processor Name:</b>                                                                                                                  | Core i7                              |
| <b>Category D2: Operating System Name:</b>                                                                                                           | Windows 11 Pro                       |
| <b>Category D2: Physical CPU Cores (count):</b>                                                                                                      | 16                                   |
| <b>Category D2: Base Processor Speed Per Core (GHz):</b>                                                                                             | 2.1                                  |
| <b>Category D2: System Memory (GB):</b>                                                                                                              | 16                                   |
| <b>Category D2: Default Low-power Mode:</b>                                                                                                          | Sleep Mode                           |
| <b>Category D2: Long Idle Power Used for Sleep Mode:</b>                                                                                             | No                                   |
| <b>Category D2: Off Mode (watts):</b>                                                                                                                | 0.3                                  |
| <b>Category D2: Sleep Mode (watts):</b>                                                                                                              | 1.1                                  |
| <b>Category D2: Long Idle (watts):</b>                                                                                                               | 26.7                                 |
| <b>Category D2: Short Idle (watts):</b>                                                                                                              | 27.3                                 |
| <b>Category D2: Base TEC Allowance (kWh):</b>                                                                                                        | 45                                   |
| <b>Category D2: Functional Adder Allowances (kWh):</b>                                                                                               | 87.5                                 |
| <b>Category D2: TEC of Model (kWh):</b>                                                                                                              | 99.7                                 |
| <b>Sleep Mode Default Time Upon Shipment (min.):</b>                                                                                                 | 30                                   |
| <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>                                                                                                                     | 2023-02-12                           |
| <b>Date Certified:</b>                                                                                                                               | 2022-11-21                           |
| <b>Markets:</b>                                                                                                                                      | Switzerland, Taiwan, Japan, Canada   |
| <b>ENERGY STAR Certified:</b>                                                                                                                        | Yes                                  |

## Additional Model Information

D500TEC Series,D500TEES,

**Captured On:**  
04/29/2025