



ENERGY STAR CERTIFIED

Computers (Bold)

ASUS - D500MERES Series : D500MERES

Specifications

ENERGY STAR Unique ID:	3417437
Brand Name:	ASUS
Model Name:	D500MERES Series
Model Number:	D500MERES
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):	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):	0.2
Category I2: Sleep Mode (watts):	1.1
Category I2: Long Idle (watts):	8.2
Category I2: Short Idle (watts):	9.6
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	33.6
Category I2: TEC of Model (kWh):	36.9
Category D1: Processor Brand:	Intel
Category D1: Processor Name:	Pentium Gold
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):	64
Category D1: Default Low-power Mode:	Sleep Mode

Category D1: Long Idle Power Used for Sleep Mode:	No
Category D1: Off Mode (watts):	0.2
Category D1: Sleep Mode (watts):	1.2
Category D1: Long Idle (watts):	19.4
Category D1: Short Idle (watts):	20.7
Category D1: Base TEC Allowance (kWh):	35
Category D1: Functional Adder Allowances (kWh):	92.6
Category D1: TEC of Model (kWh):	76.2
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
Category D2: Long Idle Power Used for Sleep Mode:	No
Category D2: Off Mode (watts):	0.2
Category D2: Sleep Mode (watts):	1.2
Category D2: Long Idle (watts):	19.1
Category D2: Short Idle (watts):	19.3
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	92.6
Category D2: TEC of Model (kWh):	72.2
Sleep Mode Default Time Upon Shipment (min.):	15
Display Sleep Mode Default Time Upon Shipment (min.):	5
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
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2024-02-28
Date Certified:	2024-02-16
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

D500MERES Series,D500MERC,; D500MERES Series,M500MER,

Captured On:
07/25/2025