



ENERGY STAR CERTIFIED Computers

ASUS - X512F Series : X512F

Specifications

| | |
|--|--------------|
| ENERGY STAR Unique ID: | 2370162 |
| Brand Name: | ASUS |
| Model Name: | X512F Series |
| Model Number: | X512F |
| Type: | Notebook |
| Category 1: Processor Brand: | Intel |
| Category 1: Processor Name: | Core i5 |
| Category 1: Base Processor Speed Per Core (GHz): | 1.6 |
| Category 1: Physical CPU Cores (count): | 4 |
| Category 1: System Memory (GB): | 12 |
| Category 1: Default Low-power Mode: | Sleep Mode |
| Category 1: Long Idle Power Used for Sleep Mode: | No |
| Category 1: Off Mode (watts): | 0.3 |
| Category 1: Sleep Mode (watts): | 1.0 |
| Category 1: Long Idle (watts): | 2.5 |
| Category 1: Short Idle (watts): | 4.3 |
| Category 1: Base TEC Allowance (kWh): | 8 |
| Category 1: Functional Adder Allowances (kWh): | 18.0 |
| Category 1: TEC of Model (kWh): | 17.2 |
| 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 10 |
| Sleep Mode Default Time Upon Shipment (min.): | 30 |
| 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?: | No |
| Ethernet Capability: | No |
| Touch Screen: | No |

| | |
|---------------------------|---|
| Date Available On Market: | 2019-01-28 |
| Date Certified: | 2020-10-13 |
| Markets: | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified: | Yes |

Additional Model Information

X512F Series,A512F,; X512F Series,F512F,; X512F Series,K512F,; X512F Series,R564F,; X512F Series,S512F,; X512F Series ,V512F,

Captured On:
04/28/2025