



ENERGY STAR CERTIFIED

**Computers (Bold)**

## 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:  
07/17/2025