



ENERGY STAR CERTIFIED

**Computers (Bold)**

## Lenovo - ThinkPad E590 : 20ND

## Specifications

|  |   |
|--|---|
| ENERGY STAR Unique ID:   | 2358186   |
| Brand Name:  | Lenovo  |
| Model Name:  | ThinkPad E590                                   |
| Model Number:  | 20ND  |
| Type:  | Notebook  |
| Category 1: Processor Brand:   | Intel   |
| Category 1: Processor Name:  | Core i7   |
| Category 1: Base Processor Speed Per Core (GHz):   | 1.8   |
| Category 1: Physical CPU Cores (count):  | 4   |
| Category 1: System Memory (GB):  | 32  |
| Category 1: Default Low-power Mode:  | Off Mode with Hibernation                       |
| Category 1: Long Idle Power Used for Sleep Mode:   | No  |
| Category 1: Off Mode (watts):  | 0.0   |
| Category 1: Sleep Mode (watts):  | 1.0   |
| Category 1: Long Idle (watts):   | 4.4   |
| Category 1: Short Idle (watts):  | 7.5   |
| Category 1: Base TEC Allowance (kWh):  | 8   |
| Category 1: Functional Adder Allowances (kWh):   | 21.3  |
| Category 1: TEC of Model (kWh):  | 22.5  |
| 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  |
| WOL (Wake on LAN) From Sleep:  | Shipped Enabled When Operating on Ac Power Only |
| 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   |
| Ethernet Capability:   | Yes   |

|                           |   |
|---------------------------|---|
| Touch Screen:             | No  |
| Date Available On Market: | 2018-12-11  |
| Date Certified:           | 2020-04-16  |
| Markets:                  | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:    | Yes   |

## Additional Model Information

,20NC,, ThinkPad R590,20NB,

Captured On:  
07/18/2025