



ENERGY STAR CERTIFIED

# Computers (Bold)

## ASUS - PB50 Series : PB50

### Specifications

|                                                                                                                                                                  |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| ENERGY STAR Unique ID:                                                                                                                                           | 2365549                              |
| Brand Name:                                                                                                                                                      | ASUS                                 |
| Model Name:                                                                                                                                                      | PB50 Series                          |
| Model Number:                                                                                                                                                    | PB50                                 |
| 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 I2 or Integrated Desktop 2   |
| Category I2: Processor Brand:                                                                                                                                    | AMD                                  |
| Category I2: Processor Name:                                                                                                                                     | Ryzen 5                              |
| Category I2: Operating System Name:                                                                                                                              | Windows 10                           |
| Category I2: Physical CPU Cores (count):                                                                                                                         | 4                                    |
| Category I2: Base Processor Speed Per Core (GHz):                                                                                                                | 2.1                                  |
| Category I2: System Memory (GB):                                                                                                                                 | 8                                    |
| Category I2: Default Low-power Mode:                                                                                                                             | Sleep Mode                           |
| Category I2: Long Idle Power Used for Sleep Mode:                                                                                                                | No                                   |
| Category I2: Off Mode (watts):                                                                                                                                   | 0.3                                  |
| Category I2: Sleep Mode (watts):                                                                                                                                 | 2.4                                  |
| Category I2: Long Idle (watts):                                                                                                                                  | 12.3                                 |
| Category I2: Short Idle (watts):                                                                                                                                 | 13.4                                 |
| Category I2: Base TEC Allowance (kWh):                                                                                                                           | 46                                   |
| Category I2: Functional Adder Allowances (kWh):                                                                                                                  | 18.0                                 |
| Category I2: TEC of Model (kWh):                                                                                                                                 | 55.7                                 |
| 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 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: | 2019-03-04                                        |
| Date Certified:           | 2020-09-08                                        |
| Markets:                  | United States, Switzerland, Taiwan, Japan, Canada |
| ENERGY STAR Certified:    | Yes                                               |

Captured On:  
06/19/2025