



ENERGY STAR CERTIFIED

Computers (Bold)

Lenovo - LOQ 17IRB8 : 90VG

Specifications

ENERGY STAR Unique ID:	2404538
Brand Name:	Lenovo
Model Name:	LOQ 17IRB8
Model Number:	90VG
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 D2, Desktop I2 or Integrated Desktop 2
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	I7-13700
Category I2: Operating System Name:	Windows 11
Category I2: Physical CPU Cores (count):	16
Category I2: Base Processor Speed Per Core (GHz):	2.1
Category I2: System Memory (GB):	32
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Long Idle Power Used for Sleep Mode:	No
Category I2: Off Mode (watts):	0.7
Category I2: Sleep Mode (watts):	0.9
Category I2: Long Idle (watts):	17.6
Category I2: Short Idle (watts):	20.4
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	35.6
Category I2: TEC of Model (kWh):	73.4
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	I7-13700F
Category D2: Operating System Name:	Windows 11
Category D2: Physical CPU Cores (count):	16
Category D2: Base Processor Speed Per Core (GHz):	2.1
Category D2: System Memory (GB):	32
Category D2: Default Low-power Mode:	Sleep Mode

Category D2: Long Idle Power Used for Sleep Mode:	No
Category D2: Off Mode (watts):	0.7
Category D2: Sleep Mode (watts):	0.9
Category D2: Long Idle (watts):	21.8
Category D2: Short Idle (watts):	27.2
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	108.1
Category D2: TEC of Model (kWh):	95.0
Sleep Mode Default Time Upon Shipment (min.):	25
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?:	No
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2022-12-16
Date Certified:	2022-11-15
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Captured On:
04/29/2025