



ENERGY STAR CERTIFIED

Computers (Bold)

HP - HP EliteDesk 800 G8 Tower PC (ENERGY STAR) : EliteDesk 800 G8 Tower PC

Specifications

ENERGY STAR Unique ID:	2378263
Brand Name:	HP
Model Name:	HP EliteDesk 800 G8 Tower PC (ENERGY STAR)
Model Number:	EliteDesk 800 G8 Tower PC
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:	Core i7-11700K
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	8
Category I2: Base Processor Speed Per Core (GHz):	3.6
Category I2: System Memory (GB):	128
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Long Idle Power Used for Sleep Mode:	No
Category I2: Off Mode (watts):	0.8
Category I2: Sleep Mode (watts):	2.3
Category I2: Long Idle (watts):	17.3
Category I2: Short Idle (watts):	18.6
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	48.9
Category I2: TEC of Model (kWh):	74.0
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	Core i7-11700K
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	8
Category D2: Base Processor Speed Per Core (GHz):	3.6
Category D2: System Memory (GB):	128

Category D2: Default Low-power Mode:	Sleep Mode
Category D2: Long Idle Power Used for Sleep Mode:	No
Category D2: Off Mode (watts):	0.9
Category D2: Sleep Mode (watts):	2.4
Category D2: Long Idle (watts):	32.0
Category D2: Short Idle (watts):	32.5
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	119.7
Category D2: TEC of Model (kWh):	123.9
Sleep Mode Default Time Upon Shipment (min.):	20
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:	No
Touch Screen:	No
Date Available On Market:	2021-04-26
Date Certified:	2021-03-24
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

HP EliteDesk 880 G8 Tower PC (ENERGY STAR),EliteDesk 880 G8 Tower PC,; HP Z1 G8 Tower Desktop PC (ENERGY STAR),Z1 G8 Tower Desktop PC,

Captured On:
07/18/2025