



ENERGY STAR CERTIFIED

Computers (Bold)

HP - HP EliteDesk 800 G6 Small Form Factor PC (ENERGY STAR) : EliteDesk 800 G6 Small Form Factor PC

Specifications

ENERGY STAR Unique ID:	2365101
Brand Name:	HP
Model Name:	HP EliteDesk 800 G6 Small Form Factor PC (ENERGY STAR)
Model Number:	EliteDesk 800 G6 Small Form Factor 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 D1,Desktop D2,Desktop I1 or Integrated Desktop 1,Desktop I2 or Integrated Desktop 2
Category I1: Processor Brand:	Intel
Category I1: Processor Name:	Gold G6400
Category I1: Operating System Name:	Windows 10
Category I1: Base Processor Speed Per Core (GHz):	4.0
Category I1: System Memory (GB):	128
Category I1: Default Low-power Mode:	Sleep Mode
Category I1: Long Idle Power Used for Sleep Mode:	No
Category I1: Off Mode (watts):	0.6
Category I1: Sleep Mode (watts):	2.0
Category I1: Long Idle (watts):	12.6
Category I1: Short Idle (watts):	18.6
Category I1: Base TEC Allowance (kWh):	26
Category I1: Functional Adder Allowances (kWh):	48.9
Category I1: TEC of Model (kWh):	68.4
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	i7-10700K
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	8
Category I2: Base Processor Speed Per Core (GHz):	3.8
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):	0.6
Category I2: Sleep Mode (watts):	2.0
Category I2: Long Idle (watts):	13.9
Category I2: Short Idle (watts):	20.3
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	48.9
Category I2: TEC of Model (kWh):	74.2
Category D1: Processor Brand:	Intel
Category D1: Processor Name:	Gold G6400
Category D1: Operating System Name:	Windows 10
Category D1: Physical CPU Cores (count):	2
Category D1: Base Processor Speed Per Core (GHz):	4.0
Category D1: System Memory (GB):	128
Category D1: Default Low-power Mode:	Sleep Mode
Category D1: Long Idle Power Used for Sleep Mode:	No
Category D1: Off Mode (watts):	0.6
Category D1: Sleep Mode (watts):	2.0
Category D1: Long Idle (watts):	18.3
Category D1: Short Idle (watts):	22.6
Category D1: Base TEC Allowance (kWh):	35
Category D1: Functional Adder Allowances (kWh):	83.2
Category D1: TEC of Model (kWh):	83.8
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	i7-10700K
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	8
Category D2: Base Processor Speed Per Core (GHz):	3.8
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):	0.6
Category D2: Sleep Mode (watts):	2.1
Category D2: Long Idle (watts):	19.3
Category D2: Short Idle (watts):	23.3
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	83.2

Category D2: TEC of Model (kWh):	87.4
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:	Yes
Touch Screen:	No
Date Available On Market:	2020-08-30
Date Certified:	2020-08-26
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Category I1: Physical CPU Cores (count):	2
ENERGY STAR Certified:	Yes

Captured On:
07/18/2025