



ENERGY STAR CERTIFIED

Computers (Bold)

HP - HP EliteDesk 800 G6 Desktop Mini PC (ENERGY STAR) : EliteDesk 800 G6 Desktop Mini PC

Specifications

ENERGY STAR Unique ID:	2361956
Brand Name:	HP
Model Name:	HP EliteDesk 800 G6 Desktop Mini PC (ENERGY STAR)
Model Number:	EliteDesk 800 G6 Desktop Mini 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:	Intel Pentium Gold G6400
Category I1: Operating System Name:	Windows 10
Category I1: Base Processor Speed Per Core (GHz):	4.0
Category I1: System Memory (GB):	64
Category I1: Default Low-power Mode:	Sleep Mode
Category I1: Off Mode (watts):	0.6
Category I1: Sleep Mode (watts):	1.4
Category I1: Long Idle (watts):	5.7
Category I1: Short Idle (watts):	6.3
Category I1: Base TEC Allowance (kWh):	26
Category I1: Functional Adder Allowances (kWh):	19.2
Category I1: TEC of Model (kWh):	27.8
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	Intel Core i9-10900K
Category I2: Operating System Name:	Windows 10
Category I2: Physical CPU Cores (count):	10
Category I2: Base Processor Speed Per Core (GHz):	3.7
Category I2: System Memory (GB):	64
Category I2: Default Low-power Mode:	Sleep Mode
Category I2: Off Mode (watts):	0.7
Category I2: Sleep Mode (watts):	1.5

Category I2: Long Idle (watts):	7.6
Category I2: Short Idle (watts):	8.7
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	17.1
Category I2: TEC of Model (kWh):	36.1
Category D1: Processor Brand:	Intel
Category D1: Processor Name:	Intel Pentium GoldG6500T
Category D1: Operating System Name:	Windows 10
Category D1: Physical CPU Cores (count):	2
Category D1: Base Processor Speed Per Core (GHz):	3.5
Category D1: System Memory (GB):	64
Category D1: Default Low-power Mode:	Sleep Mode
Category D1: Off Mode (watts):	0.7
Category D1: Sleep Mode (watts):	1.5
Category D1: Long Idle (watts):	6.1
Category D1: Short Idle (watts):	9.9
Category D1: Base TEC Allowance (kWh):	35
Category D1: Functional Adder Allowances (kWh):	77.6
Category D1: TEC of Model (kWh):	38.1
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	Intel(R) Core(TM) CPU Core i9-10900T
Category D2: Operating System Name:	Windows 10
Category D2: Physical CPU Cores (count):	10
Category D2: Base Processor Speed Per Core (GHz):	1.9
Category D2: System Memory (GB):	64
Category D2: Default Low-power Mode:	Sleep Mode
Category D2: Off Mode (watts):	0.9
Category D2: Sleep Mode (watts):	1.5
Category D2: Long Idle (watts):	6.2
Category D2: Short Idle (watts):	10.5
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	78.0
Category D2: TEC of Model (kWh):	40.1
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	Yes

Than 1 GB/s When Transitioning to Sleep or Off Mode?:	
WLAN Capability:	Yes
Ethernet Capability:	Yes
Bluetooth Capability:	Yes
Touch Screen:	No
Date Available On Market:	2020-07-20
Date Certified:	2020-06-09
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Category I1: Physical CPU Cores (count):	2
ENERGY STAR Certified:	Yes

Additional Model Information

HP Collaboration G6 PC with Zoom Rooms (ENERGY STAR),Collaboration G6 PC with Zoom Rooms,; HP Engage Flex Mini Retail System (ENERGY STAR),Engage Flex Mini Retail System,; HP Presence Mini Conferencing PC (ENERGY STAR),Presence Mini Conferencing PC,; HP ProDesk 400 G6 Desktop Mini PC (ENERGY STAR),ProDesk 400 G6 Desktop Mini PC,; HP ProDesk 600 G6 Desktop Mini PC (ENERGY STAR),ProDesk 600 G6 Desktop Mini PC,

Captured On:
06/19/2025