



ENERGY STAR CERTIFIED

Computers (Bold)

Lenovo - ThinkCentre neo 50s Gen 5 : 12XF

Specifications

ENERGY STAR Unique ID:	3555243
Brand Name:	Lenovo
Model Name:	ThinkCentre neo 50s Gen 5
Model Number:	12XF
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:	300
Category I1: Operating System Name:	Ubuntu,,Windows 10, Windows 11
Category I1: Base Processor Speed Per Core (GHz):	3.9
Category I1: System Memory (GB):	64
Category I1: Default Low-power Mode:	Sleep Mode
Category I1: Long Idle Power Used for Sleep Mode:	No
Category I1: Off Mode (watts):	0.7
Category I1: Sleep Mode (watts):	1.4
Category I1: Long Idle (watts):	11.5
Category I1: Short Idle (watts):	13.1
Category I1: Base TEC Allowance (kWh):	26
Category I1: Functional Adder Allowances (kWh):	40.7
Category I1: TEC of Model (kWh):	50.9
Category I2: Processor Brand:	Intel
Category I2: Processor Name:	i7-14700
Category I2: Operating System Name:	Ubuntu,,Windows 10, Windows 11
Category I2: Physical CPU Cores (count):	20
Category I2: Base Processor Speed Per Core (GHz):	2.1
Category I2: System Memory (GB):	64
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):	1.2
Category I2: Long Idle (watts):	11.6
Category I2: Short Idle (watts):	13.0
Category I2: Base TEC Allowance (kWh):	46
Category I2: Functional Adder Allowances (kWh):	43.1
Category I2: TEC of Model (kWh):	50.1
Category D1: Processor Brand:	Intel
Category D1: Processor Name:	300
Category D1: Operating System Name:	Ubuntu,,Windows 10, Windows 11
Category D1: Physical CPU Cores (count):	2
Category D1: Base Processor Speed Per Core (GHz):	3.9
Category D1: System Memory (GB):	64
Category D1: Default Low-power Mode:	Sleep Mode
Category D1: Long Idle Power Used for Sleep Mode:	No
Category D1: Off Mode (watts):	0.7
Category D1: Sleep Mode (watts):	1.4
Category D1: Long Idle (watts):	25.4
Category D1: Short Idle (watts):	26.9
Category D1: Base TEC Allowance (kWh):	35
Category D1: Functional Adder Allowances (kWh):	85.7
Category D1: TEC of Model (kWh):	99.3
Category D2: Processor Brand:	Intel
Category D2: Processor Name:	i7-14700
Category D2: Operating System Name:	Ubuntu,,Windows 10, Windows 11
Category D2: Physical CPU Cores (count):	20
Category D2: Base Processor Speed Per Core (GHz):	2.1
Category D2: System Memory (GB):	64
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):	1.4
Category D2: Long Idle (watts):	26.5
Category D2: Short Idle (watts):	27.5
Category D2: Base TEC Allowance (kWh):	45
Category D2: Functional Adder Allowances (kWh):	86.9
Category D2: TEC of Model (kWh):	101.8

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:	2024-09-30
Date Certified:	2024-07-23
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Category I1: Physical CPU Cores (count):	2
ENERGY STAR Certified:	Yes

Additional Model Information

ThinkCentre neo 50s Gen 5,12XG;; ThinkCentre neo 50s Gen 5,13EJ;; ThinkCentre neo 50s Gen 5,13F1,

Captured On:
07/18/2025