

## ASUS - K6500Z Series: K6500Z

ENERGY STAR Unique ID: 2393784  Brand Name: ASUS  Model Name: K6500Z Series  Model Number: K6500Z  Type: Notebook Category 2: Processor Brand: Intel Category 2: Processor Name: Core i7 Category 2: Base Processor Speed Per Core (GHz): 16 Category 2: Physical CPU Cores (count): 14 Category 2: Default Low-power Mode: Modern Standby Mode Category 2: Default Low-power Mode: Modern Standby Mode Category 2: Off Mode (watts): 0.4 Category 2: Sleep Mode (watts): 0.8 Category 2: Short Idle (watts): 0.8 Category 2: Short Idle (watts): 0.8 Category 2: Short Idle (watts): 0.8 Category 2: Functional Adder Allowances (kWh): 14 Category 2: Functional Adder Allowances (kWh): 14 Category 2: Ten Core Model (kWh): 22.0 Notebooks, Desktops, Integrated Computers, Stact Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria: Category 2: Operating System Mame: Windows 11 Pro Sleep Mode Default Time Upon Shipment (min.): 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? Ethernet Capability: No		
Brand Name: K6500Z Series Model Number: K6500Z Type: Notebook Category 2: Processor Brand: Intel Category 2: Processor Name: Core i7 Category 2: Base Processor Speed Per Core (BHz): Category 2: Physical CPU Cores (count): 14 Category 2: System Memory (GB): 16 Category 2: Default Low-power Mode: Modern Standby Mode Category 2: Default Low-power Mode: Modern Standby Mode Category 2: Long Idle Power Used for Sleep Mode: Ves Category 2: Sleep Mode (watts): 0.4 Category 2: Sleep Mode (watts): 0.8 Category 2: Sleep Mode (watts): 0.8 Category 2: Short Idle (watts): 14 Category 2: Short Idle (watts): 14 Category 2: Short Idle (watts): 14 Category 2: Tenctional Adder Allowances (kWh): 15 Category 2: Tenctional Adder Allowances (kWh): 15 Category 2: Tenctional Adder Allowances (kWh): 15 Category 2: Operating System Name: Windows 11 Pro Sleep Mode Default Time Upon Shipment (min.): 15 Sleep Mode Default Time Upon Shipment (min.): 15 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?: Ethernet Capability: No	Specifications	
Model Name:         K6500Z Series           Model Number:         K6500Z           Type:         Notebook           Category 2: Processor Brand:         Intel           Category 2: Base Processor Speed Per Core (GHZ):         Core i7           Category 2: Base Processor Speed Per Core (GHZ):         2.3           Category 2: Physical CPU Cores (count):         14           Category 2: System Memory (GB):         16           Category 2: Default Low-power Mode:         Modern Standby Mode           Category 2: Default Low-power Mode:         Modern Standby Mode           Category 2: Default Low-power Mode:         Modern Standby Mode           Category 2: Gh Mode (watts):         0.4           Category 2: Gh Mode (watts):         0.8           Category 2: Sleep Mode (watts):         0.8           Category 2: Short Idle (watts):         14           Category 2: Short Idle (watts):         14           Category 2: Short Idle (watts):         0.8           Category 2: Short Idle (watts):         14           Category 2: TEC of Model (kWh):         14           Category 2: TEC of Model (kWh):         2.           Category 2: TEC of Model (kWh):         2.           Category 2: Operating System Name:         Mindows 11 Pro           Steep	ENERGY STAR Unique ID:	2393784
Model Number:         K6500Z           Type:         Notebook           Category 2: Processor Brand:         Intel           Category 2: Base Processor Speed Per Core (GHz):         2.3           Category 2: Base Processor Speed Per Core (GHz):         14           Category 2: System Memory (GB):         16           Category 2: System Memory (GB):         16           Category 2: Long Idle Power Used for Sleep Mode:         Modern Standby Mode           Category 2: Cloff Mode (watts):         0.4           Category 2: Off Mode (watts):         0.8           Category 2: Long Idle (watts):         0.8           Category 2: Short Idle (watts):         6.8           Category 2: Short Idle (watts):         6.8           Category 2: Base TEC Allowance (kWh):         14           Category 2: TEC of Model (kWh):         2.0           Notebooks, Desktops, Integrated Computers, State/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:         2           Category 2: Operating System Name:         Windows 11 Pro           Sleep Mode Default Time Upon Shipment (min.):         No           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	Brand Name:	ASUS
Type: Notebook Category 2: Processor Brand: Intel Category 2: Processor Name: Core i7 Category 2: Base Processor Speed Per Core (GHz): At a category 2: Base Processor Speed Per Core (GHz): 14 Category 2: Physical CPU Cores (count): 14 Category 2: System Memory (GB): 16 Category 2: Default Low-power Mode: Modern Standby Mode Category 2: Long Idle Power Used for Sleep Mode: Category 2: Coff Mode (watts): 0.4 Category 2: Coff Mode (watts): 0.8 Category 2: Sleep Mode (watts): 0.8 Category 2: Short Idle (watts): 0.8 Category 2: Base TEC Allowance (kWh): 14 Category 2: Base TEC Allowance (kWh): 14 Category 2: TEC of Model (kWh): 22.0 Notebooks, Desktops, Integrated Company Sleep Mode Default Time Upon Shipment (min.): Category 2: Operating System Name: Windows 11 Pro Sleep Mode Default Time Upon Shipment (min.): 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?: Ethernet Capability: No	Model Name:	K6500Z Series
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Category 2: System Memory (GB):     16       Category 2: Default Low-power Mode:     Modern Standby Mode       Category 2: Long Idle Power Used for Sleep Mode:     Yes       Category 2: Off Mode (watts):     0.4       Category 2: Sleep Mode (watts):     0.8       Category 2: Long Idle (watts):     0.8       Category 2: Short Idle (watts):     6.8       Category 2: Base TEC Allowance (kWh):     14       Category 2: Functional Adder Allowances (kWh):     22.0       Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:     2       Category 2: Operating System Name:     Windows 11 Pro       Sleep Mode Default Time Upon Shipment (min.):     10       Display Sleep Mode Default Time Upon Shipment (min.):     5       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       Ethernet Capability:     No		2.3
Category 2: Default Low-power Mode:     Modern Standby Mode       Category 2: Long Idle Power Used for Sleep Mode:     Yes       Category 2: Off Mode (watts):     0.4       Category 2: Sleep Mode (watts):     0.8       Category 2: Long Idle (watts):     6.8       Category 2: Short Idle (watts):     14       Category 2: Base TEC Allowance (kWh):     14       Category 2: Functional Adder Allowances (kWh):     22.0       Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:     2       Category 2: Operating System Name:     Windows 11 Pro       Sleep Mode Default Time Upon Shipment (min.):     10       Display Sleep Mode Default Time Upon Shipment (min.):     5       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       Ethernet Capability:     No	Category 2: Physical CPU Cores (count):	14
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Category 2: Short Idle (watts):  Category 2: Base TEC Allowance (kWh):  Category 2: Functional Adder Allowances (kWh):  Category 2: TEC of Model (kWh):  Category 2: Operating System Category for TEC (Typical Energy Consumption) Criteria:  Category 2: Operating System Name:  Windows 11 Pro  Sleep Mode Default Time Upon Shipment (min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Category 2: Sleep Mode (watts):	0.8
Category 2: Base TEC Allowance (kWh):  Category 2: Functional Adder Allowances (kWh):  Category 2: TEC of Model (kWh):  Category 3: Tec of Model (kWh):  Category 4: Tec of Model (kWh):  Category 5: Tec of Model (kWh):  Category 6: Tec of Model (kWh):  Category 7: Tec of Model (kWh):  Category 8: Tec of Model (kWh):  Category 9:	Category 2: Long Idle (watts):	0.8
Category 2: Functional Adder Allowances (kWh):  Category 2: TEC of Model (kWh):  Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:  Category 2: Operating System Name:  Sleep Mode Default Time Upon Shipment (min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Category 2: Short Idle (watts):	6.8
(kWh):  Category 2: TEC of Model (kWh):  Notebooks, Desktops, Integrated Computers, Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:  Category 2: Operating System Name:  Sleep Mode Default Time Upon Shipment (min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Category 2: Base TEC Allowance (kWh):	14
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Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical Energy Consumption) Criteria:  Category 2: Operating System Name:  Sleep Mode Default Time Upon Shipment (min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Category 2: TEC of Model (kWh):	22.0
Sleep Mode Default Time Upon Shipment (min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Slate/Tablets, Two-in-one Notebooks, and Portable All-in-ones Category for TEC (Typical	2
(min.):  Display Sleep Mode Default Time Upon Shipment (min.):  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?:  Ethernet Capability:  No	Category 2: Operating System Name:	Windows 11 Pro
Shipment (min.):  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?:  Ethernet Capability:  No	•	10
Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or Off Mode?:  Ethernet Capability:  No		5
	Ethernet Network Links be Reduced to Less Than 1 GB/s When Transitioning to Sleep or	No
Touch Screen: No	Ethernet Capability:	No
	Touch Screen:	No

Date Available On Market:	2022-03-28
Date Certified:	2022-03-14
Markets:	United States, Switzerland, Taiwan, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

K6500Z Series,P6500CZ,; K6500Z Series,V6500Z,

**Captured On:** 04/29/2025