

## ASUS - X512D Series : X512D

NERGY STAR Unique ID:2363882NREGY STAR Unique ID:2363882Addel Name:ASUSAddel Name:X512D SeriesAddel Name:X512D SeriesAddel Name:X512D SeriesAddel Name:X512D SeriesAddel Name:X512D SeriesAddel Name:X512D SeriesAddel Name:X512D SeriesAdeport I: Processor Brand:AMDSategory 1: Processor Name:Ryzen 3Sategory 1: Base Processor Speed Per Core2.6GHz):2Sategory 1: System Memory (GB):8Sategory 1: Long Idle Power Used for Sleep ModeNoAdegory 1: Long Idle Power Used for Sleep Mode:0.3Sategory 1: Long Idle Quertis):0.3Sategory 1: Long Idle Quertis):3.1Sategory 1: Long Idle Quertis):4.9Sategory 1: Long Idle Quertis):8Sategory 1: Rase TEC Allowance (KWh):8Sategory 1: Rase TEC Allowance (KWh):7.6Sategory 2: Processor Brand:AMDSategory 2: Processor Speed Per Core GHz):2.1Sategory 2: Processor Brand:AMDSategory 1: FLC of Model (KWh):7.6Sategory 2: Processor Speed Per Core GHz):2.1Sategory 2: Default Low-power Mode:3.1Sategory 2: Processor Speed Per Core GHz):3.1Sategory 2: Ph		
Arand Name:ASUSModel Name:X512D SeriesModel Number:X512Dype:NotebookArategory 1: Processor Brand:AMDSategory 1: Processor Name:Ryzen 3Category 1: Base Processor Speed Per Core2.6Category 1: Physical CPU Cores (count):2Category 1: System Memory (GB):8Category 1: System Memory (GB):0.3Category 1: Long Idle Power Used for Sleep Adde:0.3Category 1: Solep Mode (watts):0.4Category 1: Solep Mode (watts):0.4Category 1: Solep Mode (watts):15.7Category 1: Base TEC Allowance (kWh):15.7Category 2: Processor Name:Ryzen 5Category 2: Processor Name:0.1Category 2: Drocessor Name:12.1Category 2: Drocessor Name:0.4Category 2: Drocessor Name:13.6Category 2: Drocessor Name:13.6Category 2: Drocessor Name:14.0Category 2: Drocessor Name:12.1Category 2: Drocessor Name:12.1Category 2: Drocessor Name:12.1Category 2: Drocessor Name:13.1Category 2: Drocessor Name:14.1Category 2: Drocessor Name:14.	Specifications	
Addel Name:X512D SeriesAddel Number:X512Dype:Notebookategory 1: Processor Brand:AMDSategory 1: Processor Name:Ryzen 3Sategory 1: Base Processor Speed Per CoreCSategory 1: Base Processor Speed Per CoreSategory 1: System Memory (GB):Sategory 1: Default Low-power Mode:Sleep ModeSategory 1: Default Low-power Mode:Sleep ModeSategory 1: Default Low-power Mode:0.3Sategory 1: Default Low-power Mode:0.4Sategory 1: Speep Mode (watts):0.4Sategory 1: Speep Mode (watts):3.1Sategory 1: Speep Mode (watts):15.7Sategory 1: Speet Mode (katts):15.7Sategory 1: Forcessor Parad:MDSategory 1: Processor Speed Per CoreSizegory 1: Speet Mode (katts):Sategory 1: Speet Mode (katts):15.7Sategory 1: Speet Mode (katts):16.4Sategory 2: Processor Speed Per CoreSizegory 2: Processor Speed Per CoreSategory 2: Processor Speed Per CoreSizegory 2: Speet Memory (GB):Sategory 2: Processor Speed Per CoreSizegory 2: Speet Memory (GB):Sategory 2: Default Low-power Mode:12Sategory 2: Default Low-power Mode:Sizep ModeSategory 2: Default Low-power Mode	ENERGY STAR Unique ID:	2363882
Anded Number:X512DYpe:NotebookAtegory 1: Processor Brand:AMDSategory 1: Processor Name:Ryzen 3Sategory 1: Base Processor Speed Per Core2.6Sategory 1: Base Processor Speed Per Core2.6Sategory 1: System Memory (GB):8Sategory 1: System Memory (GB):8Sategory 1: Default Low-power Mode:Sleep ModeSategory 1: Solep Mode (watts):0.3Sategory 1: Solep Mode (watts):0.4Sategory 1: Solep Mode (watts):3.1Sategory 1: Sole Id (ewatts):8Sategory 1: Sole Id (ewatts):8Sategory 1: Sole Id (ewatts):8Sategory 1: Sole Id (ewatts):15.7Sategory 1: Sole Id (ewatts):7.6Sategory 1: Functional Adder AllowancesNuSategory 2: Processor Brand:NuSategory 2: Processor Speed Per Core2.1Sategory 2: System Memory (GB):12Sategory 2: System Memory (GB):12Sategory 2: System Memory (GB):12Sategory 2: System Memory (GB):12Sategory 2: Sole Julie Power Used for SleepNuSategory 2: Sole Mode (watts):0.3Sategory 2: Sole Mode (watts):12Sategory 2: Sole Mode (watts):13Sategory 2: Sole Mode (watts):14Sategory 2: Sole Mode (watts):14<	Brand Name:	ASUS
ype:Notebookcategory 1: Processor Brand:AMDcategory 1: Processor Name:Ryzen 3category 1: Base Processor Speed Per Core2.6category 1: System Memory (GB):8category 1: Default Low-power Mode:Sleep Modecategory 1: Default Low-power Mode:0.3category 1: Steep Mode (watts):0.4category 1: Steep Mode (watts):0.4category 1: Steep Mode (watts):0.4category 1: Steep Mode (watts):1.5category 1: Steep Mode (watts):1.5category 1: Steep Mode (watts):8category 1: Steep Mode (watts):1.5category 1: Steep Mode (watts):1.5category 1: Fluctional Adder AllowancesNocategory 1: Fluctional Adder AllowancesNocategory 2: Processor Brand:AMDcategory 2: Processor Speed Per Core2.1category 2: Processor Speed Per Core2.1category 2: Processor Speed Per Core3.1category 2: Default Low-power Mode:3.1category 2: Default Low-power Mode:3.1category 2: Default Low-power Mode:3.1cate	Model Name:	X512D Series
AMDcategory 1: Processor Name:Ryzen 3category 1: Base Processor Speed Per Core GHz):2.6category 1: System Memory (GB):8category 1: System Memory (GB):8category 1: Default Low-power Mode:Sleep Modecategory 1: Long Idle Power Used for Sleep Adde:Nocategory 1: Sleep Mode (watts):0.3category 1: Sleep Mode (watts):0.4category 1: Sleep Mode (watts):3.1category 1: Short Idle (watts):4.9category 1: Short Idle (watts):15.7category 1: Ec of Model (kWh):15.7category 1: Ec of Model (kWh):7.6category 2: Processor Name:Ryzen 5category 2: Processor Speed Per Core GHz):2.1category 2: Processor Speed Per Core GHz):2.1category 2: Processor Speed Per Core GHz):3.1category 2: Processor Speed Per Core GHz):2.1category 2: Processor Speed Per Core GHz):2.1category 2: Processor Speed Per Core GHz):3.1category 2: Processor Speed Per Core GHz):3.1category 2: Processor Speed Per Core GHz):3.1category 2: Speed Memory (GB):12category 2: Default Low-power Mode:Seep Modecategory 2: Default Low-power Mode:Seep Modecategory 2: Long Idle Power Used for Sleep Mode:Nocategory 2: Long Idle Power Used for Sleep Mode:Nocategory 2: Long Idle Power Used for Sleep Mode:Nocategory 2: Long Idle Power Used for Sleep Mode: <td>Model Number:</td> <td>X512D</td>	Model Number:	X512D
RateRyzen 3Ryzen 32.6Ryzen 1: Base Processor Speed Per Core (Bdz):2.6Ryzen 1: Spytem Memory (GB):8Ryzen 1: Default Low-power Mode:Sleep ModeRategory 1: Default Low-power Mode:0.3Rategory 1: Off Mode (watts):0.4Ryzen 1: Sheep Mode (watts):0.4Ryzen 1: Sheep Mode (watts):0.4Ryzen 1: Sheep Mode (watts):0.4Ryzen 1: Short Idle (watts):0.4Ryzen 2: Short Idle (watts):0.4Ryzen 1: Short Idle (watts):0.4Ryzen 2: Short Idle (watts):0.4Ryzen 1: Short Idle (watts):0.4Ryzen 1: Short Idle (watts):0.4Ryzen 2: Short Idle (watts):0.3Ryzen 2: Short Idle (watts):0.4Ryz	Туре:	Notebook
Category 1: Base Processor Speed Per Core GHz):2.6Category 1: Physical CPU Cores (count):2Category 1: System Memory (GB):8Category 1: Default Low-power Mode:Sleep ModeCategory 1: Long Idle Power Used for Sleep Mode:NoCategory 1: Cong Idle Power Used for Sleep Mode:NoCategory 1: Sleep Mode (watts):0.3Category 1: Long Idle (watts):0.4Category 1: Long Idle (watts):3.1Category 1: Short Idle (watts):4.9Category 1: Base TEC Allowance (kWh):8Category 1: Functional Adder Allowances KWh):15.7Category 2: Processor Brand:AMDCategory 2: Processor Speed Per Core GHz):2.1Category 2: Processor Speed Per Core GHZ):2.1Category 2: Processor Speed Per Core GHZ):2.1Category 2: Physical CPU Cores (count):4Category 2: Default Low-power Mode:Sleep ModeCategory 2: Sleep Mode (watts):0.6	Category 1: Processor Brand:	AMD
GH2:Image: Comparison of the second of the seco	Category 1: Processor Name:	Ryzen 3
Category 1: System Memory (GB):8Sategory 1: Default Low-power Mode:Sleep ModeSategory 1: Long Idle Power Used for SleepNoSategory 1: Long Idle Power Used for Sleep0.3Sategory 1: Sleep Mode (watts):0.4Sategory 1: Sleep Mode (watts):3.1Sategory 1: Short Idle (watts):4.9Sategory 1: Base TEC Allowance (kWh):8Sategory 1: Functional Adder Allowances15.7Sategory 2: Processor Brand:AMDSategory 2: Processor Speed Per Core2.1Sategory 2: System Memory (GB):12Sategory 2: System Memory (GB):12Sategory 2: System Memory (GB):3.3Sategory 2: Core (usutts):3.1Sategory 2: Softem Memory (GB):1.2Sategory 2: Steep Mode (watts):0.3Sategory 2: Steep Mode (watts):0.3Sategory 2: Steep Mode (watts):0.3Sategory 2: Steep Memory (GB):1.2Sategory 2: Steep Mode (watts):0.3Sategory 2: Steep Mode (watts):0.4Sategory 2: Steep Mode (watts):0.4Sategory 2: Steep Mode (watts):0	Category 1: Base Processor Speed Per Core (GHz):	2.6
Artegory 1: Default Low-power Mode:Sleep ModeArtegory 1: Long Idle Power Used for Sleep Mode:NoArtegory 1: Off Mode (watts):0.3Artegory 1: Sleep Mode (watts):0.4Artegory 1: Long Idle (watts):3.1Artegory 1: Long Idle (watts):4.9Artegory 1: Base TEC Allowance (kWh):8Artegory 1: Functional Adder Allowances KWh):15.7Artegory 2: Processor Brand:AMDArtegory 2: Processor Speed Per Core GHz):2.1Artegory 2: Physical CPU Cores (count):4Artegory 2: System Memory (GB):12Artegory 2: Default Low-power Mode:Sleep ModeArtegory 2: Corf Mode (watts):0.3Artegory 2: Corf Mode (watts):0.3Artegory 2: Steep Mode (watts):0.3Artegory 2: Core Idle Power Used for Sleep 	Category 1: Physical CPU Cores (count):	2
Arategory 1: Long Idle Power Used for Sleep Mode:NoStategory 1: Off Mode (watts):0.3Stategory 1: Sleep Mode (watts):0.4Stategory 1: Long Idle (watts):3.1Stategory 1: Short Idle (watts):4.9Stategory 1: Base TEC Allowance (kWh):8Stategory 1: Functional Adder Allowances15.7Stategory 2: Processor Brand:AMDStategory 2: Processor Name:Ryzen 5Stategory 2: Processor Speed Per Core GH2):2.1Stategory 2: Physical CPU Cores (count):4Stategory 2: System Memory (GB):12Stategory 2: Off Mode (watts):0.3Stategory 2: Sleep Mode (watts):0.3Stategory 2: Sleep Mode (watts):0.4Stategory 2: Long Idle (watts):0.4Stategory 2:	Category 1: System Memory (GB):	8
Ande:Image: Constant of the second of the secon	Category 1: Default Low-power Mode:	Sleep Mode
Sategory 1: Sleep Mode (watts):0.4Sategory 1: Long Idle (watts):3.1Sategory 1: Short Idle (watts):4.9Sategory 1: Base TEC Allowance (kWh):8Sategory 1: Functional Adder Allowances15.7Sategory 1: Functional Adder Allowances17.6Sategory 2: Processor Brand:AMDSategory 2: Processor Name:Ryzen 5Sategory 2: Base Processor Speed Per Core2.1Sategory 2: Physical CPU Cores (count):4Sategory 2: Default Low-power Mode:Sleep ModeSategory 2: Default Low-power Mode:Sleep ModeSategory 2: Sistem Memory (GB):0.3Sategory 2: Sleep Mode (watts):0.6Sategory 2: Sleep Mode (watts):0.6Sategory 2: Sleep Mode (watts):0.6Sategory 2: Long Idle (watts): <td< th=""><td>Category 1: Long Idle Power Used for Sleep Mode:</td><td>No</td></td<>	Category 1: Long Idle Power Used for Sleep Mode:	No
Category 1: Long Idle (watts):3.1Category 1: Short Idle (watts):4.9Category 1: Base TEC Allowance (kWh):8Category 1: Functional Adder Allowances15.7Category 1: TEC of Model (kWh):17.6Category 2: Processor Brand:AMDCategory 2: Processor Name:Ryzen 5Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Cong Idle Power Used for SleepNoCategory 2: Sleep Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 1: Off Mode (watts):	0.3
Category 1: Short Idle (watts):4.9Category 1: Base TEC Allowance (kWh):8Category 1: Functional Adder Allowances15.7Category 1: TEC of Model (kWh):17.6Category 2: Processor Brand:AMDCategory 2: Processor Name:Ryzen 5Category 2: Base Processor Speed Per Core2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Cong Idle Power Used for SleepNoCategory 2: Sleep Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 1: Sleep Mode (watts):	0.4
Category 1: Base TEC Allowance (kWh):8Category 1: Functional Adder Allowances15.7Category 1: TEC of Model (kWh):17.6Category 2: Processor Brand:AMDCategory 2: Processor Name:Ryzen 5Category 2: Base Processor Speed Per Core GHz):2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Default Low-power Mode:0.3Category 2: Sleep Mode (watts):0.4Category 2: Sleep Mode (watts):0.4Category 2: Long Idle (watts):0.4	Category 1: Long Idle (watts):	3.1
Category 1: Functional Adder Allowances15.7Category 1: TEC of Model (kWh):17.6Category 2: Processor Brand:AMDCategory 2: Processor Name:Ryzen 5Category 2: Base Processor Speed Per Core GHz):2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Cong Idle Power Used for Sleep Mode:0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 1: Short Idle (watts):	4.9
kwh):1category 1: TEC of Model (kWh):17.6category 2: Processor Brand:AMDcategory 2: Processor Name:Ryzen 5category 2: Base Processor Speed Per Core GHz):2.1category 2: Physical CPU Cores (count):4category 2: System Memory (GB):12category 2: Default Low-power Mode:Sleep Modecategory 2: Coff Mode (watts):0.3category 2: Sleep Mode (watts):0.6category 2: Sleep Mode (watts):4.0	Category 1: Base TEC Allowance (kWh):	8
Category 2: Processor Brand:AMDCategory 2: Processor Name:Ryzen 5Category 2: Base Processor Speed Per Core GHz):2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Sleep Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 1: Functional Adder Allowances (kWh):	15.7
Category 2: Processor Name:Ryzen 5Category 2: Base Processor Speed Per Core GHz):2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Sigep Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 1: TEC of Model (kWh):	17.6
Category 2: Base Processor Speed Per Core GHz):2.1Category 2: Physical CPU Cores (count):4Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Off Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 2: Processor Brand:	AMD
GHz):Image: Set of the set of	Category 2: Processor Name:	Ryzen 5
Category 2: System Memory (GB):12Category 2: Default Low-power Mode:Sleep ModeCategory 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Off Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 2: Base Processor Speed Per Core (GHz):	2.1
Category 2: Default Low-power Mode:Sleep ModeCategory 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Off Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 2: Physical CPU Cores (count):	4
Category 2: Long Idle Power Used for Sleep Mode:NoCategory 2: Off Mode (watts):0.3Category 2: Sleep Mode (watts):0.6Category 2: Long Idle (watts):4.0	Category 2: System Memory (GB):	12
Aode: 0.3   Category 2: Off Mode (watts): 0.6   Category 2: Long Idle (watts): 4.0	Category 2: Default Low-power Mode:	Sleep Mode
Category 2: Sleep Mode (watts):   0.6     Category 2: Long Idle (watts):   4.0	Category 2: Long Idle Power Used for Sleep Mode:	No
Category 2: Long Idle (watts): 4.0	Category 2: Off Mode (watts):	0.3
	Category 2: Sleep Mode (watts):	0.6
Category 2: Short Idle (watts): 6.2	Category 2: Long Idle (watts):	4.0
	Category 2: Short Idle (watts):	6.2
	Category 2: Short Idle (watts):	6.2

Ostorowy Or Dess TEO Allowerses (I/Wh):	14
Category 2: Base TEC Allowance (kWh):	14
Category 2: Functional Adder Allowances (kWh):	18.0
Category 2: TEC of Model (kWh):	22.4
Category 1: Operating System Name:	Windows 10
Category 2: Operating System Name:	Windows 10
Sleep Mode Default Time Upon Shipment (min.):	30
Display Sleep Mode Default Time Upon Shipment (min.):	10
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
Touch Screen:	No
Date Available On Market:	2019-03-11
Date Certified:	2020-07-29
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

## Additional Model Information

X512D Series, A512D,; X512D Series, F512D,; X512D Series, P1504D,; X512D Series, R564D,

**Captured On:** 04/28/2025