

Intel Core i5-11400F processor 2.6 GHz 12 MB Smart Cache Box

Brand : Intel

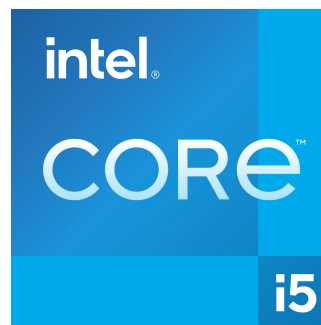
Product family: Core

Product code: BX8070811400F

Product name : i5-11400F

Intel Core i5-11400F Processor (12MB Cache, up to 4.4 GHz)

Intel Core i5-11400F. Processor family: Intel® Core™ i5, Processor socket: LGA 1200 (Socket H5), Processor lithography: 14 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 128 GB, Memory types supported by processor: DDR4-SDRAM. Market segment: Desktop, Use conditions: PC/Client/Tablet, PCI Express configurations: 1x16+1x4, 2x8+1x4, 1x8+3x4. Intel® Turbo Boost Technology 2.0 frequency: 4.4 GHz. Package type: Retail box



Processor		Features	
Processor manufacturer *	Intel	Commodity Classification Automated Tracking System (CCATS)	G167599
Processor generation	11th gen Intel® Core™ i5	Processor special features	
Processor model *	i5-11400F		
Processor base frequency *	2.6 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores *	6	Intel® Turbo Boost Technology	2.0
Processor socket *	LGA 1200 (Socket H5)	Intel® AES New Instructions (Intel® AES-NI)	✓
Component for	PC	Enhanced Intel SpeedStep Technology	✓
Processor lithography *	14 nm	Intel Trusted Execution Technology	✗
Processor threads	12	Intel® Thermal Velocity Boost	✗
System bus rate	8 GT/s	Intel® Turbo Boost Technology 2.0 frequency	4.4 GHz
Processor operating modes *	64-bit	Intel® Gaussian & Neural Accelerator (Intel® GNA) 2.0	✓
Processor boost frequency	4.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	12 MB	Intel® Secure Key	✓
Processor cache type	Smart Cache	Intel Stable Image Platform Program (SIPP)	✗
Thermal Design Power (TDP)	65 W	Intel® OS Guard	✓
Box *	✓	Intel Software Guard Extensions (Intel SGX)	✗
Memory bandwidth supported by processor (max)	50 GB/s	Intel 64	✓
Processor ARK ID	212271	Intel Virtualization Technology (VT-x)	✓
Memory		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory supported by processor	128 GB	Intel Turbo Boost Max Technology 3.0	✗
Memory types supported by processor	DDR4-SDRAM	Intel® Optane™ Memory Ready	✓
Memory clock speeds supported by processor	3200 MHz	Intel® Boot Guard	✓
Memory channels *	Dual-channel	Intel® Deep Learning Boost (Intel® DL Boost)	✓
ECC	✗	Intel® vPro™ Platform Eligibility	✗
Memory bandwidth (max)	50 GB/s	Operational conditions	
Graphics		Tjunction	100 °C
On-board graphics card *	✗		
Discrete graphics card *	✗		
On-board graphics card model *	Not available		
Discrete graphics card model *	Not available		
Features			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		

Features		Technical details	
Market segment	Desktop	Target market	Gaming
Use conditions	PC/Client/Tablet	Launch date	Q1'21
Maximum number of PCI Express lanes	20	Status	Launched
PCI Express slots version	4.0	Supported memory types	DDR4-SDRAM
PCI Express configurations	1x16+1x4, 2x8+1x4, 1x8+3x4	Packaging data	
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0, AVX-512	Package type	Retail box
Scalability	1S	Weight & dimensions	
CPU configuration (max)	1	Processor package size	37.5 x 37.5 mm
Embedded options available	✗	Other features	
Harmonized System (HS) code	85423119	Maximum internal memory	128 GB
Export Control Classification Number (ECCN)	5A992CN3		



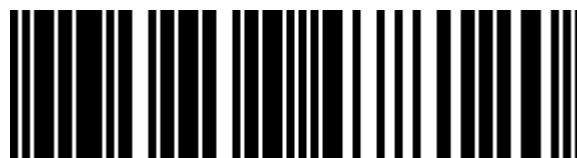
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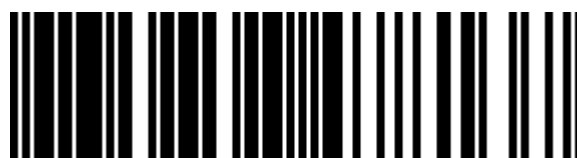
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