

Intel Core i5-11400F Prozessor 2,6 GHz 12 MB Smart Cache Box

Marke : Intel

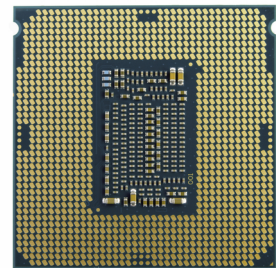
Produktfamilie: Core

Artikel-Code: BX8070811400F

Produktname : i5-11400F

Intel Core i5-11400F Prozessor (12MB Cache, bis 4.4 GHz)

Intel Core i5-11400F. Prozessorfamilie: Intel® Core™ i5 Prozessoren der 11. Generation, Prozessorsockel: LGA 1200 (Socket H5), Komponente für: PC/Thin Client/Tablet. Speicherkanäle: Dual-channel, Maximaler interner Speicher, vom Prozessor unterstützt: 128 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM. PCI Express Konfigurationen: 1x16+1x4,2x8+1x4,1x8+3x4, Unterstützte Befehlssätze: SSE4.1,SSE4.2,AVX 2.0,AVX-512, Skalierbarkeit: 1S. Intel® Turbo Boost Technology 2.0 frequency: 4,4 GHz. Verpackungsart: Einzelhandels-Box



Prozessor		Prozessor Besonderheiten	
Prozessorhersteller *	Intel	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Processor base frequency *	2,6 GHz	Intel® Identity-Protection-Technologie (Intel® IPT)	✓
Prozessorfamilie *	Intel® Core™ i5 Prozessoren der 11. Generation	Intel® Turbo-Boost-Technologie	2.0
Anzahl Prozessorkerne *	6	Intel® AES New Instructions (Intel® AES-NI)	✓
Prozessorsockel *	LGA 1200 (Socket H5)	Verbesserte Intel SpeedStep Technologie	✓
Komponente für *	PC/Thin Client/Tablet	Intel® Trusted-Execution-Technik	✗
Prozessor Lithografie *	14 nm	Intel® Thermal Velocity Boost (Thermischer Geschwindigkeitsanstieg)	✗
Prozessor *	i5-11400F	Intel® Turbo Boost Technology 2.0 frequency	4,4 GHz
Prozessor-Threads	12	Intel® Gaussian & Neural Accelerator (Intel® GNA) 2.0	✓
Systembus-Rate	8 GT/s	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessorbetriebsmodi *	64-Bit	Intel® Sicherer Schlüssel	✓
Prozessor-Cache	12 MB	Intel Stable Image Platform Program (SIPP)	✗
Prozessor Cache Typ	Smart Cache	Intel® OS Guard	✓
Thermal Design Power (TDP)	65 W	Intel® Software Guard Extensions (Intel® SGX)	✗
Box *	✓	Intel® 64	✓
Prozessor Boost-Frequenz	4,4 GHz	Intel® Virtualization Technologie (VT-X)	✓
Durch den Prozessor (max) unterstützte Speicherbandbreite	50 GB/s	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
ARK Prozessorerkennung	212271	Intel Turbo Boost Max Technology 3.0	✗
Speicher		Intel® Boot Guard	✓
Maximaler interner Speicher, vom Prozessor unterstützt	128 GB		
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM		
Speichertaktraten, vom Prozessor unterstützt	3200 MHz		
Speicherkanäle *	Dual-channel		
ECC	✗		

Grafik		Prozessor Besonderheiten	
Eingebaute Grafikkadapler *	✘	Intel® Deep Learning Boost (Intel® DL Boost)	✔
Separater Grafikkadapler *	✘	Intel® vPro™ Plattform Eligibility	✘
On-Board Grafikkadaplermodell *	Nicht verfügbar	Betriebsbedingungen	
Dediziertes Grafikkadaplermodell *	Nicht verfügbar	Tjunction	100 °C
Merkmale		Verpackungsdaten	
Execute Disable Bit	✔	Verpackungsart	Einzelhandels-Box
Leerlauf Zustände	✔	Technische Details	
Thermal-Überwachungstechnologien	✔	Zielmarkt	Gaming
Maximale Anzahl der PCI-Express-Lanes	20	Startdatum	Q1'21
PCI-Express-Slots-Version	4.0	Status	Launched
PCI Express Konfigurationen	1x16+1x4,2x8+1x4,1x8+3x4	Gewicht und Abmessungen	
Unterstützte Befehlssätze	SSE4.1,SSE4.2,AVX 2.0,AVX-512	Prozessor-Paketgröße	37.5 x 37.5 mm
Skalierbarkeit	1S	Sonstige Funktionen	
CPU Konfiguration (max)	1	RAM-Speicher maximal	128 GB
Eingebettete Optionen verfügbar	✘		
Marktsegment	Desktop		



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