

## Intel Core i5-14600KF Prozessor 24 MB Smart Cache

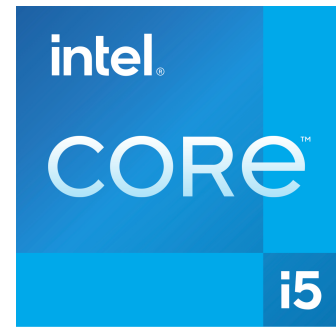
Marke : Intel

Produktfamilie: Core

Artikel-Code:  
CM8071504821014

Produktname : i5-14600KF

Intel Core i5-14600KF. Prozessorfamilie: Intel® Core™ i5, Prozessorsockel: LGA 1700, Prozessorhersteller: Intel. Speicherkanäle: Zweikanalig, Maximaler interner Speicher, vom Prozessor unterstützt: 192 GB, Speichertypen, vom Prozessor unterstützt: DDR4-SDRAM, DDR5-SDRAM. Marktsegment: Desktop, Nutzungsbedingungen: PC/Client/Tablet, PCI-Express-Slots-Version: 4.0, 5.0. Prozessor-Paketgröße: 45 x 37.5 mm. Pufferspeicher L2: 20480 KB, RAM-Speicher maximal: 192 GB



Prozessor		Merkmale	
Prozessorhersteller *	Intel	Eingebettete Optionen verfügbar	✗
Prozessorgeneration	Intel Core i5-14xxx	Spezifikation der thermischen Lösung	PCG 2020A
Prozessor *	i5-14600KF	Direkte Medienschnittstelle (DMI) Revision	4.0
Prozessorfamilie *	Intel® Core™ i5	Exportkontroll-Klassifizierungsnummer (ECCN)	5A992C
Anzahl Prozessorkerne *	14	Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS)	740.17B1
Prozessorsockel *	LGA 1700	<b>Prozessor Besonderheiten</b>	
Prozessor-Threads	20	Intel® Hyper-Threading-Technik (Intel® HT Technology)	✓
Prozessorbetriebsmodi *	64-Bit	Intel® Turbo-Boost-Technologie	2.0
Leistungskerne	6	Intel® AES New Instructions (Intel® AES-NI)	✓
Effiziente Kerne	8	Verbesserte Intel SpeedStep Technologie	✓
Prozessor Boost-Frequenz	5,3 GHz	Intel®-Speed-Shift-Technologie	✓
Leistung Kern-Boost-Frequenz	5,3 GHz	Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0	✓
Leistung Basisfrequenz des Kerns	3,5 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Effiziente Kern-Boost-Frequenz	4 GHz	Intel® Thread Director	✓
Effiziente Basisfrequenz des Kerns	2,6 GHz	Intel® VT-x mit Extended Page Tables (EPT)	✓
Prozessor-Cache	24 MB	Intel® Sicherer Schlüssel	✓
Prozessor Cache Typ	Smart Cache	Intel® OS Guard	✓
Box *	✗	Intel® 64	✓
Grundleistung des Prozessors	125 W	Intel® Virtualization Technologie (VT-X)	✓
Maximale Turboleistung	181 W	Intel® Virtualisierungstechnik für direkte I/O (VT-d)	✓
Stepping	B0	Intel® Boot Guard	✓
Maximale Anzahl DMI-Spuren	8	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Durch den Prozessor (max) unterstützte Speicherbandbreite	89,6 GB/s	Intel® Volume Management Device (VMD)	✓
Prozessor Codename	Raptor Lake	Modusbasierte Execute Control (MBE)	✓
ARK Prozessorerkennung	236778	Intel® Standard Manageability (ISM)	✓
<b>Speicher</b>		<b>Betriebsbedingungen</b>	
Maximaler interner Speicher, vom Prozessor unterstützt	192 GB	Tjunction	100 °C
Speichertypen, vom Prozessor unterstützt	DDR4-SDRAM, DDR5-SDRAM		
Speicherkanäle *	Zweikanalig		
Speicherbandbreite (max.)	89,6 GB/s		
<b>Grafik</b>			
Eingebaute Grafikkarte *	✗		
Separater Grafikkarte *	✗		
Eingebautes Grafikkartenmodell *	Nicht verfügbar		
Separates Grafikkartenmodell *	Nicht verfügbar		

Merkmale		Logistikdaten	
Execute Disable Bit	✓	Warentarifnummer (HS)	8542310001
Leerlauf Zustände	✓	<b>Technische Details</b>	
Thermal-Überwachungstechnologien	✓	Startdatum	Q4'23
Marktsegment	Desktop	Status	Launched
Nutzungsbedingungen	PC/Client/Tablet	<b>Gewicht und Abmessungen</b>	
Maximale Anzahl der PCI-Express-Lanes	20	Prozessor-Paketgröße	45 x 37.5 mm
PCI-Express-Slots-Version	4.0, 5.0	<b>Sonstige Funktionen</b>	
PCI Express Konfigurationen	1x16+1x4, 2x8+1x4	Pufferspeicher L2	20480 KB
Unterstützte Befehlssätze	AVX 2.0, SSE4.1, SSE4.2	RAM-Speicher maximal	192 GB
Skalierbarkeit	1S		
CPU Konfiguration (max)	1		



5056489771301



8592978479237

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.