

## Intel Core i9-13900F processor 36 MB Smart Cache Box

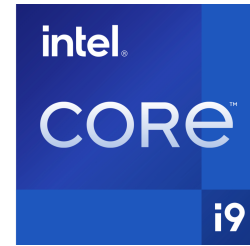
**Merk :** Intel

**Productfamilie:** Core

**Artikelcode:** BX8071513900F

**Productnaam :** i9-13900F

Intel Core i9-13900F. Processorfamilie: Intel® Core™ i9, Processor socket: LGA 1700, Processorfabrikant: Intel. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 192 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM, DDR5-SDRAM. Marktsegment: Desktop, Gebruiksvoorwaarden: PC/Client/Tablet, PCI Express slots versie: 5.0, 4.0. Intel® Turbo Boost Max Technology 3.0 frequency: 5,5 GHz, Intel® Thermal Velocity Boost Frequency: 5,6 GHz. Type verpakking: Retaildoos



Processor		Kenmerken	
Processorfabrikant *	Intel	Directe media-interface (DMI) revisie	4.0
Processorgeneratie	Intel® 13de generatie Core™ i9	Export Control Classification Number (ECCN)	5A992C
Processormodel *	i9-13900F	Commodity Classification Automated Tracking System (CCATS)	740.17B1
Processorfamilie *	Intel® Core™ i9	<b>Processor speciale functies</b>	
Aantal processorkernen *	24	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor socket *	LGA 1700	Intel® Turbo Boost Technology	2.0
Processor aantal threads	32	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes *	64-bit	Enhanced Intel SpeedStep Technology	✓
Prestatiekernen	8	Intel® Speed Shift-technologie	✓
Efficiënte kernen	16	Intel® Thermal Velocity Boost	✓
Maximale turbofrequentie van processor	5,6 GHz	Intel® Adaptive Boost-technologie	✓
Prestatie-kernboostfrequentie	5,2 GHz	Intel® Turbo Boost Max Technology 3.0 frequency	5,5 GHz
Prestatie-kernbasisfrequentie	2 GHz	Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0	✓
Efficiënte kernboostfrequentie	4,2 GHz	Intel® Thermal Velocity Boost Frequency	5,6 GHz
Efficiënte kernbasisfrequentie	1,5 GHz	Intel® Control-flow Enforcement Technology (CET)	✓
Processor cache	36 MB	Intel® Thread Director	✓
Processor cache type	Smart Cache	Intel® VT-x with Extended Page Tables (EPT)	✓
Box *	✓	Intel® Secure Key	✓
Inclusief koeler *	✓	Intel® OS Guard	✓
Processor basisvermogen	65 W	Intel® 64	✓
Maximaal turbovermogen	219 W	Intel® Virtualization Technology (VT-x)	✓
Bus type	DMI4	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Maximum aantal DMI lanes	8	Intel® Turbo Boost Max Technology 3.0	✓
Geheugenbandbreedte ondersteund door de processor ( max)	89,6 GB/s	Intel® Boot Guard	✓
Codenaam processor	Raptor Lake	Intel® Deep Learning Boost (Intel® DL Boost)	✓
ARK ID processor	230502	Intel® Volume Management Device (VMD)	✓
<b>Geheugen</b>		Mode-based Execute Control (MBE)	✓
Maximaal intern geheugen ondersteund door processor	192 GB	Intel® Standard Manageability (ISM, Standaard beheerbaarheid)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM, DDR5-SDRAM		
Geheugen kanaal *	Dubbelkanaals		
Non-ECC	✓		
Geheugen bandbreedte (max)	89,6 GB/s		
<b>Grafisch</b>			
Ingebouwde grafische adapter *	✗		
Aparte grafische adapter *	✗		
On-board graphics adapter model *	Niet beschikbaar		
Discreet grafische adapter model *	Niet beschikbaar		

Kenmerken		Eisen aan de omgeving	
Execute Disable Bit	✓	Tjunction	100 °C
Idle States	✓	<b>Logistieke gegevens</b>	
Thermal Monitoring Technologies	✓	Code geharmoniseerd systeem (HS) 8542310001	
Marktsegment	Desktop	<b>Verpakking</b>	
Gebruiksvoorwaarden	PC/Client/Tablet	Type verpakking	Retaildoos
Maximaal aantal PCI Express-lijnen	20	<b>Technische details</b>	
PCI Express slots versie	5.0, 4.0	Doelgroep	Gaming, Content Creation
PCI Express configuraties	1x16+1x4, 2x8+1x4	Lanceringsdatum	Q1'23
Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0	Status	Launched
Schaalbaarheid	1S	<b>Gewicht en omvang</b>	
CPU configuratie (max)	1	Verpakkingsgrootte processor	45 x 37.5 mm
Ingebouwde opties beschikbaar	✗	<b>Overige specificaties</b>	
		L2 cache	32768 KB
		Maximum intern geheugen	192 GB



5032037260183



0735858528221



735858528221

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.