

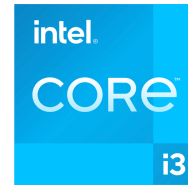
Intel Core i3-13100F Prozessor 12 MB Smart Cache Box

Marke : Intel

Produktfamilie: Core

Artikel-Code: BX8071513100F

Produktname : i3-13100F



Intel® Core™ i3-13100F Prozessor (12 MB Cache, bis zu 4,50 GHz)

Intel Core i3-13100F. Prozessorfamilie: Intel® Core™ i3, 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: 5.0, 4.0. Verpackungsart: Einzelhandels-Box. Prozessor-Paketgröße: 45 x 37.5 mm



| Prozessor | | Merkmale | |
|---|------------------------|--|-------------------|
| Prozessorhersteller * | Intel | Direkte Medienschnittstelle (DMI) Revision | 4.0 |
| Prozessorgeneration | Intel Core i3-13xxx | Exportkontroll-Klassifizierungsnummer (ECCN) | 5A992C |
| Prozessor * | i3-13100F | Warenklassifizierungssystem zur automatisierten Nachverfolgung (CCATS) | 740.17B1 |
| Prozessorfamilie * | Intel® Core™ i3 | Prozessor Besonderheiten | |
| Anzahl Prozessorkerne * | 4 | Intel® Hyper-Threading-Technik (Intel® HT Technology) | ✓ |
| Prozessorsockel * | LGA 1700 | Intel® Turbo-Boost-Technologie | 2.0 |
| Prozessor-Threads | 8 | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Prozessorbetriebsmodi * | 64-Bit | Verbesserte Intel SpeedStep Technologie | ✓ |
| Leistungskerne | 4 | Intel®-Speed-Shift-Technologie | ✓ |
| Prozessor Boost-Frequenz | 4,5 GHz | Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0 | ✓ |
| Leistung Kern-Boost-Frequenz | 4,5 GHz | Intel® Control-flow Enforcement Technology (CET) | ✓ |
| Leistung Basisfrequenz des Kerns | 3,4 GHz | Intel® Thread Director | ✗ |
| Prozessor-Cache | 12 MB | Intel® VT-x mit Extended Page Tables (EPT) | ✓ |
| Prozessor Cache Typ | Smart Cache | Intel® Sicherer Schlüssel | ✓ |
| Box * | ✓ | Intel® OS Guard | ✓ |
| Kühler enthalten * | ✓ | Intel® 64 | ✓ |
| Grundleistung des Prozessors | 58 W | Intel® Virtualization Technologie (VT-X) | ✓ |
| Maximale Turboleistung | 89 W | Intel® Virtualisierungstechnik für direkte I/O (VT-d) | ✓ |
| Bus Typ | DMI4 | Intel Turbo Boost Max Technology 3.0 | ✗ |
| Maximale Anzahl DMI-Spuren | 8 | Intel® Boot Guard | ✓ |
| Durch den Prozessor (max) unterstützte Speicherbandbreite | 76,8 GB/s | Intel® Deep Learning Boost (Intel® DL Boost) | ✓ |
| Prozessor Codename | Raptor Lake | Intel® Volume Management Device (VMD) | ✓ |
| ARK Prozessorerkennung | 230576 | Modusbasierte Execute Control (MBE) | ✓ |
| Speicher | | Intel® Standard Manageability (ISM) | ✓ |
| Maximaler interner Speicher, vom Prozessor unterstützt | 192 GB | Betriebsbedingungen | |
| Speichertypen, vom Prozessor unterstützt | DDR4-SDRAM, DDR5-SDRAM | Tjunction | 100 °C |
| Speicherkanäle * | Zweikanalig | Logistikdaten | |
| Ohne ECC | ✓ | Warentarifnummer (HS) | 8542310001 |
| Speicherbandbreite (max.) | 76,8 GB/s | Verpackungsdaten | |
| Grafik | | Verpackungsart | Einzelhandels-Box |
| Eingebaute Grafikkadappter * | ✗ | | |
| Separater Grafikkadappter * | ✗ | | |
| On-Board Grafikkadapptermodell * | Nicht verfügbar | | |
| Dediziertes Grafikkadapptermodell * | Nicht verfügbar | | |
| Merkmale | | | |
| Execute Disable Bit | ✓ | | |
| Leerlauf Zustände | ✓ | | |
| Thermal-Überwachungstechnologien | ✓ | | |
| Marktsegment | Desktop | | |
| Nutzungsbedingungen | PC/Client/Tablet | | |

| Merkmale | | Technische Details | |
|---------------------------------------|-------------------------|--------------------------------|--------------|
| Maximale Anzahl der PCI-Express-Lanes | 20 | Startdatum | Q1'23 |
| PCI-Express-Slots-Version | 5.0, 4.0 | Status | Launched |
| PCI Express Konfigurationen | 1x16+1x4, 2x8+1x4 | Gewicht und Abmessungen | |
| Unterstützte Befehlssätze | SSE4.1, SSE4.2, AVX 2.0 | Prozessor-Paketgröße | 45 x 37.5 mm |
| Skalierbarkeit | 1S | Sonstige Funktionen | |
| CPU Konfiguration (max) | 1 | Pufferspeicher L2 | 5120 KB |
| Eingebettete Optionen verfügbar | ✘ | RAM-Speicher maximal | 192 GB |



5032037260336



0735858528375



735858528375

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.