

## Intel Core i5-12400 processor 18 MB Smart Cache Box

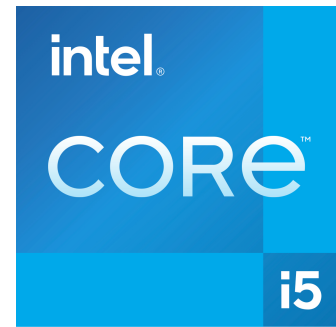
Merk : Intel

Productfamilie: Core

Artikelcode: BX8071512400

Productnaam : i5-12400

Intel Core i5-12400. Processorfamilie: Intel® Core™ i5, Processor socket: LGA 1700, Processorfabrikant: Intel. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 128 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM, DDR5-SDRAM. On-board graphics adapter model: Intel UHD Graphics 730, On-board ondersteunde grafische adapter uitgangen: Embedded DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1, Basisfrequentie ingebouwde grafische adapter: 300 MHz. Marktsegment: Desktop, Gebruiksvoorwaarden: PC/Client/Tablet, PCI Express slots versie: 5.0, 4.0. Type verpakking: Retaildoos



Processor		Kenmerken	
Processorfabrikant *	Intel	Gebruiksvoorwaarden	PC/Client/Tablet
Processorgeneratie	Intel® 12de generatie Core™ i5	Maximaal aantal PCI Express-lijnen	20
Processormodel *	i5-12400	PCI Express slots versie	5.0, 4.0
Processorfamilie *	Intel® Core™ i5	PCI Express configuraties	1x16+1x4, 2x8+1x4
Aantal processorkernen *	6	Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0
Processor socket *	LGA 1700	Schaalbaarheid	1S
Processor aantal threads	12	CPU configuratie (max)	1
Processor operating modes *	64-bit	Ingebouwde opties beschikbaar	✗
Prestatiekernen	6	Directe media-interface (DMI) revisie	4.0
Maximale turbofrequentie van processor	4,4 GHz	Export Control Classification Number (ECCN)	5A992CN3
Prestatie-kernboostfrequentie	4,4 GHz	Commodity Classification Automated Tracking System (CCATS)	G167599
Prestatie-kernbasisfrequentie	2,5 GHz		
Processor cache	18 MB		
Processor cache type	Smart Cache		
Box *	✓		
Inclusief koeler *	✓		
Processor basisvermogen	65 W		
Maximaal turbovermogen	117 W		
Bus type	DMI4		
Maximum aantal DMI lanes	8		
Geheugenbandbreedte ondersteund door de processor ( max)	76,8 GB/s		
Codenaam processor	Alder Lake		
ARK ID processor	134586		
Geheugen		Processor speciale functies	
Maximaal intern geheugen ondersteund door processor	128 GB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM, DDR5-SDRAM	Intel® Turbo Boost Technology	2.0
Geheugen kanaal *	Dubbelkanaals	Intel® Quick Sync Video Technology	✓
Geheugen bandbreedte (max)	76,8 GB/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Grafisch		Intel® AES New Instructions (Intel® AES-NI)	✓
Ingebouwde grafische adapter *	✓	Enhanced Intel SpeedStep Technology	✓
Aparte grafische adapter *	✗	Intel® Speed Shift-technologie	✓
On-board graphics adapter model *	Intel UHD Graphics 730	Intel® Gaussian & Neural Accelerator (Intel® GNA) 3.0	✓
On-board ondersteunde grafische adapter uitgangen	Embedded DisplayPort (eDP) 1.4b, DisplayPort 1.4a, HDMI 2.1	Intel® Control-flow Enforcement Technology (CET)	✓
Basisfrequentie ingebouwde grafische adapter	300 MHz	Intel® Thread Director	✗
		Intel® VT-x with Extended Page Tables (EPT)	✓
		Intel® Secure Key	✓
		Intel® OS Guard	✓
		Intel® 64	✓
		Intel® Virtualization Technology (VT-x)	✓
		Intel® Virtualization Technology for Directed I/O (VT-d)	✓
		Intel® Turbo Boost Max Technology 3.0	✗

Grafisch		Processor speciale functies	
Graphics on-board -adapter dynamische frequentie (max)	1450 MHz	Intel® Optane™ Memory Ready	✓
Aantal displays ondersteund (door on-board grafische adapter)	4	Intel® Boot Guard	✓
On-board grafische adapter DirectX-versie	12.0	Intel® Deep Learning Boost (Intel® DL Boost)	✓
On-board grafische adapter OpenGL versie	4.5	Intel® Volume Management Device (VMD)	✓
Graphics aan boord maximale resolutie adapter (DisplayPort )	7680 x 4320 Pixels	Mode-based Execute Control (MBE)	✓
Maximale resolutie (eDP - Integrated Flat Panel)	5120 x 3200 Pixels	Intel® Standard Manageability (ISM, Standaard beheerbaarheid)	✓
Maximale resolutie ingebouwde grafische adapter (HDMI)	4096 x 2160 Pixels	Intel®-technologie voor dreigingsdetectie (TDT)	✓
Grafische adapter refresh rate on-board bij maximale resolutie (DisplayPort )	60 Hz	<b>Eisen aan de omgeving</b>	
Refresh rate op maximale resolutie (eDP - Integrated Flat Panel)	120 Hz	Tjunction	100 °C
Verversingsfrequentie ingebouwde grafische adapter bij maximale resolutie (HDMI)	60 Hz	<b>Technische details</b>	
On-board grafische adapter ID	0x4692 / 0x4682	Doelgroep	Gaming
Discreet grafische adapter model *	Niet beschikbaar	OpenCL-versie	2.1
Aantal verwerkingseenheden	24	Lanceringsdatum	Q1'22
Multi-Formaat Codec-motoren	1	Status	Launched
<b>Kenmerken</b>		<b>Logistieke gegevens</b>	
Execute Disable Bit	✓	Code geharmoniseerd systeem (HS)	85423119
Idle States	✓	<b>Verpakking</b>	
Thermal Monitoring Technologies	✓	Type verpakking	Retaildoos
Marktsegment	Desktop	<b>Gewicht en omvang</b>	
		Verpakkingsgrootte processor	45 x 37.5 mm
		<b>Overige specificaties</b>	
		Maximum intern geheugen	128 GB
		Grafische uitvoer	eDP 1.4b, DP 1.4a, HDMI 2.1



5032037237741



0735858503020



735858503020



5032037237772

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.