

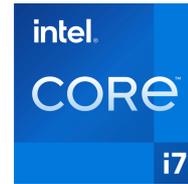
Intel Core i7-11700F processor 2,5 GHz 16 MB Smart Cache Box

Merk : Intel

Productfamilie: Core

Artikelcode: BX8070811700F

Productnaam : i7-11700F



Intel Core i7-11700F. Processorfamilie: Intel® Core™ i7, Processor socket: LGA 1200 (Socket H5), Processor lithografie: 14 nm. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 128 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Desktop, Gebruiksvoorwaarden: PC/Client/Tablet, PCI Express configuraties: 1x16+1x4, 2x8+1x4, 1x8+3x4. Intel® Turbo Boost Max Technology 3.0 frequency: 4,9 GHz, Intel® Turbo Boost Technology 2.0 frequency: 4,8 GHz. Type verpakking: Retaildoos

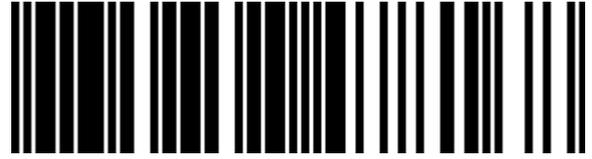


Processor		Processor speciale functies	
Processorfabrikant *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processorgeneratie	Intel® 11de generatie Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processormodel *	i7-11700F	Intel® Turbo Boost Technology	2.0
Basisfrequentie processor *	2,5 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Processorfamilie *	Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Aantal processorkernen *	8	Intel® Trusted Execution Technology	✗
Processor socket *	LGA 1200 (Socket H5)	Intel® Thermal Velocity Boost	✗
Component voor	PC	Intel® Turbo Boost Max Technology 3.0 frequency	4,9 GHz
Processor lithografie *	14 nm	Intel® Turbo Boost Technology 2.0 frequency	4,8 GHz
Processor aantal threads	16	Intel® Gaussian & Neural Accelerator (Intel® GNA) 2.0	✓
Systeembus	8 GT/s	Intel® VT-x with Extended Page Tables (EPT)	✓
Processor operating modes *	64-bit	Intel® Secure Key	✓
Maximale turbofrequentie van processor	4,9 GHz	Intel® Stable Image Platform Program (SIPP)	✗
Processor cache	16 MB	Intel® OS Guard	✓
Processor cache type	Smart Cache	Intel® Software Guard Extensions (Intel® SGX)	✗
Thermal Design Power (TDP)	65 W	Intel® 64	✓
Box *	✓	Intel® Virtualization Technology (VT-x)	✓
Geheugenbandbreedte ondersteund door de processor (max)	50 GB/s	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
ARK ID processor	212280	Intel® Turbo Boost Max Technology 3.0	✓
Geheugen		Intel® Optane™ Memory Ready	✓
Maximaal intern geheugen ondersteund door processor	128 GB	Intel® Boot Guard	✓
Geheugentypen ondersteund door processor	DDR4-SDRAM	Intel® Deep Learning Boost (Intel® DL Boost)	✓
Klokgeheugen-snelheden ondersteund door processor	3200 MHz	Intel® vPro™ Platform Eligibility	✗
Geheugen kanaal *	Dubbelkanaals	Eisen aan de omgeving	
ECC	✗	Tjunction	100 °C
Geheugen bandbreedte (max)	50 GB/s	Technische details	
Grafisch		Doelgroep	Gaming, Content Creation
Ingebouwde grafische adapter *	✗	Lanceringsdatum	Q1'21
Aparte grafische adapter *	✗	Status	Launched
On-board graphics adapter model *	Niet beschikbaar	Ondersteunde geheugen types	DDR4-SDRAM
Discreet grafische adapter model *	Niet beschikbaar	Logistieke gegevens	
Kenmerken			
Execute Disable Bit	✓		
Idle States	✓		
Thermal Monitoring Technologies	✓		
Marktsegment	Desktop		
Gebruiksvoorwaarden	PC/Client/Tablet		
Maximaal aantal PCI Express-lijnen	20		
PCI Express slots versie	4.0		

Kenmerken		Logistieke gegevens	
PCI Express configuraties	1x16+1x4, 2x8+1x4, 1x8+3x4	Code geharmoniseerd systeem (HS) 85423119	
Ondersteunde instructie sets	SSE4.1, SSE4.2, AVX 2.0, AVX-512	Verpakking	
Schaalbaarheid	1S	Type verpakking	Retaildoos
CPU configuratie (max)	1	Gewicht en omvang	
Ingebouwde opties beschikbaar	✘	Verpakkingsgrootte processor	37.5 x 37.5 mm
Export Control Classification Number (ECCN)	5A992CN3	Overige specificaties	
Commodity Classification Automated Tracking System (CCATS)	G167599	Maximum intern geheugen	128 GB



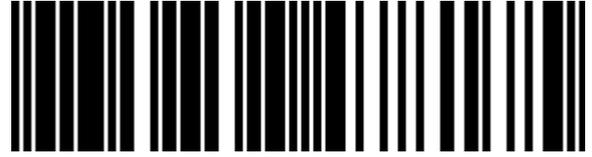
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