

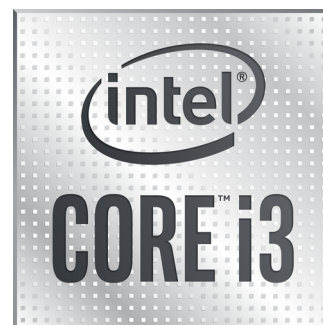


HP Intel Core i3-10300 procesor 3,7 GHz 8 MB Smart Cache

Brand : HP

Product code: 3R382AV

Product name : Intel Core i3-10300



HP Intel Core i3-10300. Porodica procesora: Intel® Core™ i3, Podnožje procesora: LGA 1200 (Socket H5), Litografija procesora: 14 nm. Memorijski kanali: Dvokanalna, Maksimalna interna memorija koju podržava procesor: 128 GB, Tipovi memorije koje podržava procesor: DDR4-SDRAM. Model instalirane grafičke kartice: Intel® UHD Graphics 630, Maksimalna memorija instalirane grafičke kartice: 64 GB, Osnovna frekvencija integrisane grafičke kartice: 350 MHz. Tržišni segment: Desktop, PCI Express configurations: 1x16, 1x8+2x4, 2x8, Podržani instrukcijski setovi: AVX 2.0, SSE4.1, SSE4.2. Frekvencija Intel® Turbo Boost Technology 2.0: 4,4 GHz

Procesor		Karakteristike	
Proizvođač procesora *	Intel	Idle States	✓
Generacija procesora	Intel® Core™ i3 generacija a 10a	Tehnologije praćenja termalnih parametara	✓
Procesor *	i3-10300	Tržišni segment	Desktop
Osnovna frekvencija procesora *	3,7 GHz	Maksimalni broj PCI Express traka	16
Porodica procesora *	Intel® Core™ i3	Verzija PCI Express slotova	3.0
Jezgra procesora *	4	PCI Express configurations	1x16, 1x8+2x4, 2x8
Podnožje procesora *	LGA 1200 (Socket H5)	Podržani instrukcijski setovi	AVX 2.0, SSE4.1, SSE4.2
Komponenta za	PC	Skalabilnost	15
Litografija procesora *	14 nm	Konfiguracija procesora (maks.)	1
Niti procesora	8	Dostupne ugrađene opcije	✗
Brzina protoka sistemske magistrale	8 GT/s	Specifikacija termalnog rešenja	PCG 2015C
Režimi rada procesora *	64-bit	Revizija PCI Express CEM	3.0
Takt ubrzanja procesora	4,4 GHz	Specijalne karakteristike procesora	
Keš procesora	8 MB	Intel Hyper-Threading Technology	✓
Tip keš memorije procesora	Smart Cache	Intel Identity Protection Technology	✓
Thermal Design Power (TDP)	65 W	Intel® Turbo Boost Technology	2.0
Propusni opseg memorije koji podržava procesor (maks.)	41,6 GB/s	Intel® Quick Sync Video Technology	✓
Šifrovani naziv procesora	Comet Lake	Intel® InTru™ 3D Technology	✓
Memorija		Intel Clear Video HD Technology	✓
Maksimalna interna memorija koju podržava procesor	128 GB	Intel AES New Instructions	✓
Tipovi memorije koje podržava procesor	DDR4-SDRAM	Enhanced Intel SpeedStep tehnologija	✓
Radni taktovi memorije koje podržava procesor	2666 MHz	Intel Trusted Execution Technology	✗
Memorijski kanali *	Dvokanalna	Intel® Thermal Velocity Boost	✗
ECC (memorija sa kodom za proveru grešaka)	✗	Frekvencija Intel® Turbo Boost Technology 2.0	4,4 GHz
Grafike		Intel® proširenja transakcijske sinhronizacije (TSX)	✗
Integrisana grafička kartica *	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Diskretna grafička kartica *	✗	Intel® Secure Key tehnologija	✓
Model instalirane grafičke kartice *	Intel® UHD Graphics 630	Intel Stable Image Platform Program (SIPP)	✗
Maksimalna memorija instalirane grafičke kartice	64 GB	Intel® OS Guard tehnologija	✓
Osnovna frekvencija integrisane grafičke kartice	350 MHz	Intel Clear Video tehnologija	✓
Dinamička frekvencija (maks.) integrisane grafičke kartice	1150 MHz	Intel Software Guard ekstenzije (Intel SGX)	✓
Broj podržanih ekrana (grafika na matičnoj ploči)	3	Intel 64	✓

Grafike		Specijalne karakteristike procesora	
4K podrška integrisane grafičke kartice	✓	Tehnologija Intel Virtualization (VT-x)	✓
Verzija DirectX-a instalirane grafičke kartice	12.0	Intel tehnologija virtuelizacije za usmereni ulaz/izlaz (VT-d)	✓
Verzija OpenGL-a instalirane grafičke kartice	4.5	Intel Turbo Boost Max tehnologija 3.0	✗
Maksimalna rezolucija integrisane grafičke kartice (DisplayPort)	4096 x 2304 piksela	Prihvata Intel® Optane™ memoriju	✓
Maksimalna rezolucija integrisane grafičke kartice (eDP - Integrated Flat Panel)	4096 x 2304 piksela	Intel® Boot Guard	✓
Maksimalna rezolucija instalirane grafičke kartice (HDMI)	4096 x 2160 piksela	Prihvatljivost platforme Intel® vPro™	✗
Učestalost osvežavanja integrisane grafičke kartice pri maks. rezoluciji (DisplayPort)	60 Hz	Radni uslovi	
Učestalost osvežavanja integrisane grafičke kartice pri maks. rezoluciji (eDP - integrisani ravan ekran)	60 Hz	Tjunction	100 °C
Učestalost osvežavanja integrisane grafičke kartice pri maks. rezoluciji (HDMI)	30 Hz		
Karakteristike			
Execute Disable Bit	✓		

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