



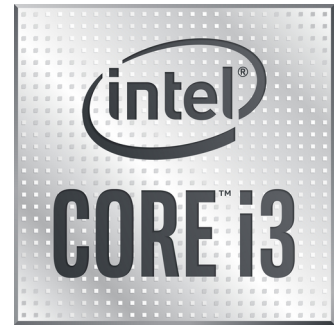
## HP Intel Core i3-10300 procesor 3,7 GHz 8 MB Smart Cache

**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



Processor		Features	
Processor manufacturer *	Intel	Idle States	✓
Processor generation	10th gen Intel® Core™ i3	Thermal Monitoring Technologies	✓
Processor model *	i3-10300	Market segment	Desktop
Processor base frequency *	3.7 GHz	Maximum number of PCI Express lanes	16
Processor family *	Intel® Core™ i3	PCI Express slots version	3.0
Processor cores *	4	PCI Express configurations	1x16, 1x8+2x4, 2x8
Processor socket *	LGA 1200 (Socket H5)	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Component for	PC	Scalability	15
Processor lithography *	14 nm	CPU configuration (max)	1
Processor threads	8	Embedded options available	✗
System bus rate	8 GT/s	Thermal solution specification	PCG 2015C
Processor operating modes *	64-bit	PCI Express CEM revision	3.0
Processor boost frequency	4.4 GHz	<b>Processor special features</b>	
Processor cache	8 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache type	Smart Cache	Intel® Identity Protection Technology (Intel® IPT)	✓
Thermal Design Power (TDP)	65 W	Intel® Turbo Boost Technology	2.0
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel® Quick Sync Video Technology	✓
Processor codename	Comet Lake	Intel® InTru™ 3D Technology	✓
<b>Memory</b>		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Maximum internal memory supported by processor	128 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory types supported by processor	DDR4-SDRAM	Enhanced Intel SpeedStep Technology	✓
Memory clock speeds supported by processor	2666 MHz	Intel Trusted Execution Technology	✗
Memory channels *	Dual-channel	Intel® Thermal Velocity Boost	✗
ECC	✗	Intel® Turbo Boost Technology 2.0 frequency	4.4 GHz
<b>Graphics</b>		Intel® Transactional Synchronization Extensions	✗
On-board graphics card *	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Discrete graphics card *	✗	Intel® Secure Key	✓
On-board graphics card model *	Intel® UHD Graphics 630	Intel Stable Image Platform Program (SIPP)	✗
Maximum on-board graphics card memory	64 GB	Intel® OS Guard	✓
On-board graphics card base frequency	350 MHz	Intel Clear Video Technology	✓
On-board graphics card dynamic frequency (max)	1150 MHz		
Number of displays supported (on-board graphics)	3		

Graphics		Processor special features	
On-board graphics card 4K support	✓	Intel Software Guard Extensions (Intel SGX)	✓
On-board graphics card DirectX version	12.0	Intel 64	✓
On-board graphics card OpenGL version	4.5	Intel Virtualization Technology (VT-x)	✓
On-board graphics card maximum resolution (DisplayPort)	4096 x 2304 pixels	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card maximum resolution (eDP - Integrated Flat Panel)	4096 x 2304 pixels	Intel Turbo Boost Max Technology 3.0	✗
On-board graphics card maximum resolution (HDMI)	4096 x 2160 pixels	Intel® Optane™ Memory Ready	✓
On-board graphics card refresh rate at maximum resolution (DisplayPort)	60 Hz	Intel® Boot Guard	✓
On-board graphics card refresh rate at maximum resolution (eDP - Integrated Flat Panel)	60 Hz	Intel® vPro™ Platform Eligibility	✗
On-board graphics card refresh rate at maximum resolution (HDMI)	30 Hz		
Features		Operational conditions	
Execute Disable Bit	✓	Tjunction	100 °C

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