

I5-6500TE

Intel® Core™ i5-6500TE Processor



CPU Benchmark:

Intel Core i3-6100 @ 3.70GHz

Class	Desktop
Clockspeed	2.3 GHz
Typical TDP	35W
Socket	LGA 1151
Overall Rank	1041
Average CPU Mark	5044
Single Thread Rating	1818
Cross-Platform Rating	10,209

Specifications

Product Collection		Intel® Core™ i5-6500TE Processor	
Code Name		Skylake	
Vertical Segment		Embedded	
# of Cores # of Threads Processor base Frequency Cache		4 4 2.30 GHz 6 MB Intel® Smart Cache	
Bus Speed	8 GT/s	TDP	35W
Max Memory Size Memory Types		64 GB DDR4-1866/2133, DDR3L-1333/1600 @ 1.35V	
Max # of Memory Channels		2	
Max Memory Bandwidth		34.1 GB/s	
Processor Graphics Graphics Base Frequency Graphics Max Dynamic Frequency Graphics Video Max Memory Graphics Output 4K Support # of Displays Supported		Intel® HD Graphics 530 350 MHz 1.00 GHz 64GB eDP/DP/HDMI/DVI Yes, at 60Hz 3	
Max Resolution (HDMI) Max Resolution (DP) Max Resolution (eDP)		4096 x 2304 @ 24Hz 4096 x 2304 @ 60Hz 4096 x 2304 @ 60Hz	
DirectX Support	12	OpenGL Support	4.5
Intel® Quick Sync Video		Yes	
Intel® InTru™ 3D Technology		Yes	
Intel® Clear Video HD Technology		Yes	
Intel® Clear Video Technology		Yes	
2.0	Intel® Turbo Boost Technology		
Yes	Intel vPro® Platform Eligibility		
No	Intel® Hyper-Threading Technology		
Yes	Intel® Virtualization Technology (VT-x)		
Yes	Intel® Virtualization Technology for Directed I/O (VT-d)		
Yes	Intel® VT-x with Extended Page Tables (EPT)		
Yes	Intel® Transactional Synchronization Extensions		
Yes	Intel® 64		
64-bit	Instruction Set		
Yes	Idle States		
Yes	Enhanced Intel SpeedStep® Technology		
Yes	Thermal Monitoring Technologies		
Yes	Intel® Identity Protection Technology		
Yes	Intel® Stable Image Platform Program (SIPP)		
Yes	Intel® AES New Instructions		
Yes	Secure Key		
Yes	Intel® Software Guard Extensions (Intel® SGX) (with Intel® ME)		
Yes	Intel® Memory Protection Extensions (Intel® MPX)		
Yes	Intel® OS Guard		
Yes	Intel® Trusted Execution Technology		
Yes	Execute Disable Bit		
Yes	Intel® Boot Guard		

** All product specifications and product images are subject to change without notice.