ComX Computers
Product Specification Sheet

CP-iM11600K

Intel Rocket Lake Core i5-11600K 3.9Ghz 6 cores / 12 threads Gen 11 LGA 1200 Processor

Product Overview

Intel Rocket Lake Core i5-11600K LGA 1200 - 6 cores+Hyper-Threading / 12 threads, 3.9Ghz box CPU / 4.9Ghz turbo boost, unlocked clock multiplier, 14nm, SSE4, AVX2, BMi, FMA3, SBA, vPro, TSX, VT-x + VT-d + AES-N, built-in dual channel DDR4-3200 (non-E



Specifications

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Specifications	
Product Code	CP-iM11600K
Essentials	
Product Collection	11th Generation Intel Core i5 Processors
Code Name	Products formerly Rocket Lake
Vertical Segment	Desktop
Processor Number	i5-11600K
Lithography	14 nm
Use Conditions	PC/Client/Tablet
CPU Specifications	
# of Cores	6
# of Threads	12
Processor Base Frequency	3.90 GHz
Max Turbo Frequency	4.90 GHz
Cache	12 MB Intel Smart Cache

Bus Speed	8 GT/s
Intel Turbo Boost Technology 2.0 Frequency	4.90 GHz
TDP	125 W
Configurable TDP-down Frequency	3.60 GHz
Configurable TDP-down	95 W
Supplemental Information	
Embedded Options Available	No
Memory Specifications	
Max Memory Size (dependent on memory type)	128 GB
Memory Types	DDR4-3200
Max # of Memory Channels	2
Max Memory Bandwidth	50 GB/s
ECC Memory Supported	No
Processor Graphics	
Processor Graphics	Intel UHD Graphics 750
Graphics Base Frequency	350 MHz
Graphics Max Dynamic Frequency	1.30 GHz
Graphics Video Max Memory	64 GB
Execution Units	32
4K Support	Yes, at 60Hz
Max Resolution (HDMI)	4096x2160@60Hz
Max Resolution (DP)	5120 x 3200 @60Hz
Max Resolution (eDP - Integrated Flat Panel)	5120 x 3200 @60Hz
DirectX* Support	12.1
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
# of Displays Supported	3
Device ID	0x4C8A
OpenCL* Support	3
Expansion Options	
Scalability	1S Only
PCI Express Revision	4

PCI Express Configurations	Up to 1x16+1x4, 2x8+1x4, 1x8+3x4
Max # of PCI Express Lanes	20
Package Specifications	
Sockets Supported	FCLGA1200
Max CPU Configuration	1
Thermal Solution Specification	PCG 2019A
TJUNCTION	100 degreesC
Package Size	37.5 mm x 37.5 mm
Advanced Technologies	
Intel Deep Learning Boost (Intel DL Boost)	Yes
Intel Thermal Velocity Boost	No
Intel Turbo Boost Max Technology 3.0	No
Intel Turbo Boost Technology	2
Intel vPro Platform Eligibility	Yes
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 64	Yes
Instruction Set	64-bit
Instruction Set Extensions	Intel SSE4.1, Intel SSE4.2, Intel AVX2, Intel AVX-512
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 Gaussian and Neural Accelerator 2.0	Yes
Security & Reliability	
Intel AES New Instructions	Yes
Secure Key	Yes
Intel Software Guard Extensions (Intel SGX)	No

Intel OS Guard	Yes
Intel Trusted Execution Technology	Yes
Execute Disable Bit	Yes
Intel Boot Guard	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/CP-iM11600K-Intel-Rocket-Lake-Core-i5-11600K-3-9Ghz-6-cores-12-threads-Gen-11-LGA-p-252969.php

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