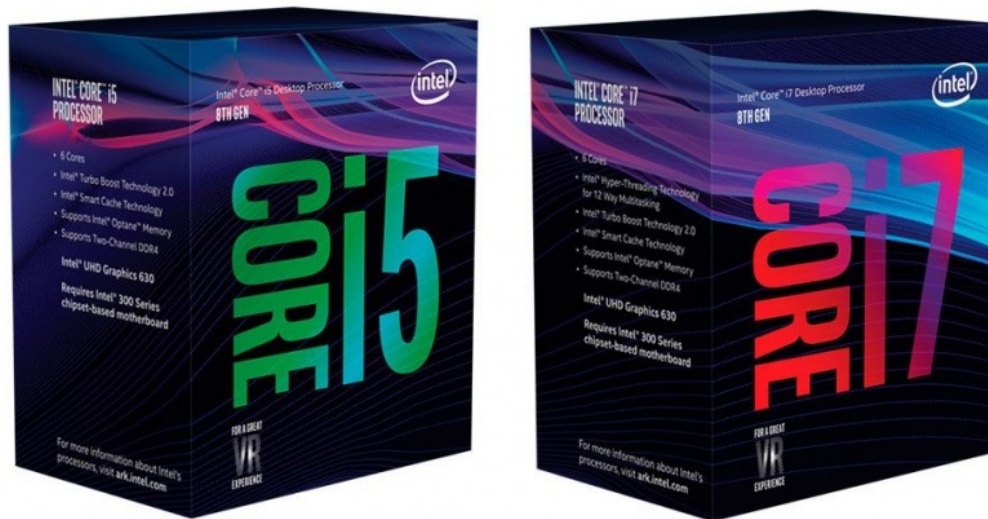


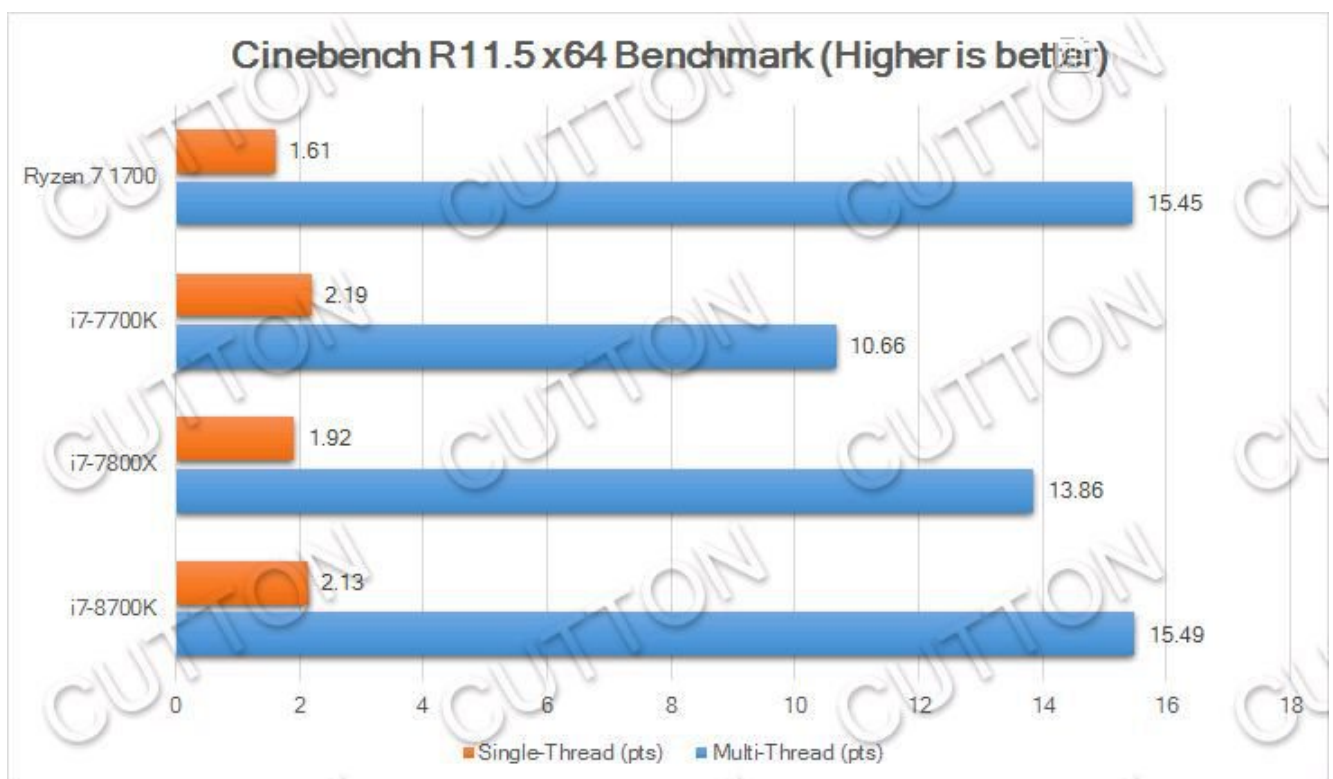
El Core i7-8700K superaría en potencia al Ryzen 7 1700 y al Core i7-7800X



Intel presentará en otoño, seguramente octubre, la nueva gama de procesadores de sobremesa Coffee Lake que caerá dentro de la 8.ª generación de procesadores Core en la que ya están los refrescos de Kaby Lake para portátiles. Previamente han aparecido informaciones que apuntarían a un notable aumento de rendimiento mononúcleo y multinúcleo de los Coffee Lake, y eso incluye al tope de gama que sería el **Core i7-8700K**.

Este procesador se dice que tendrá una frecuencia base de 3.7 o 3.8 GHz –según al rumor que se crea–, y un turbo de 4.3 GHz, con un TDP de 95 W, y seis núcleos en total con multihilo. El Core i7-7700K cuenta con frecuencias base/turbo de 4.2/4.5 GHz, pero en este caso el Core i7-8700K contaría con un turbo para cuando solo se usen uno dos núcleos de 4.7 GHz. Ahora hay nuevas **imágenes de supuestas pruebas del Core i7-8700K**, que pintaría muy bien frente al Ryzen 7 1700 y el reciente Core i7-7800X.

CPU	i7-8700K	i7-7800X	i7-7700K	Ryzen 7 1700
Cores/Threads	6/12	6/12	4/8	8/16
Base/Turbo Clock (GHz)	3.7/4.7	3.5/4.0	4.2/4.5	3.0/3.7
Thermal Design Power (W)	95	140	91	65
Fritz Chess Benchmark (Higher is better)				
Multi-Thread (kno/s)	24818	21352	17468	20076
Single-Thread (kno/s)	3504	3167	3518	2483
wPrime 2.10 Benchmark 32M (Lower is better)				
Multi-Thread (s)	3.917	4.296	6.046	5.704
Single-Thread (s)	31.156	33.597	33.174	39.52
Cinebench R11.5 x64 Benchmark (Higher is better)				
Multi-Thread (pts)	15.49	13.86	10.66	15.45
Single-Thread (pts)	2.13	1.92	2.19	1.61
Cinebench R15 x64 Benchmark (Higher is better)				
Multi-Thread (cb)	1410	1273	988	1420
Single-Thread (cb)	191	171	193	145

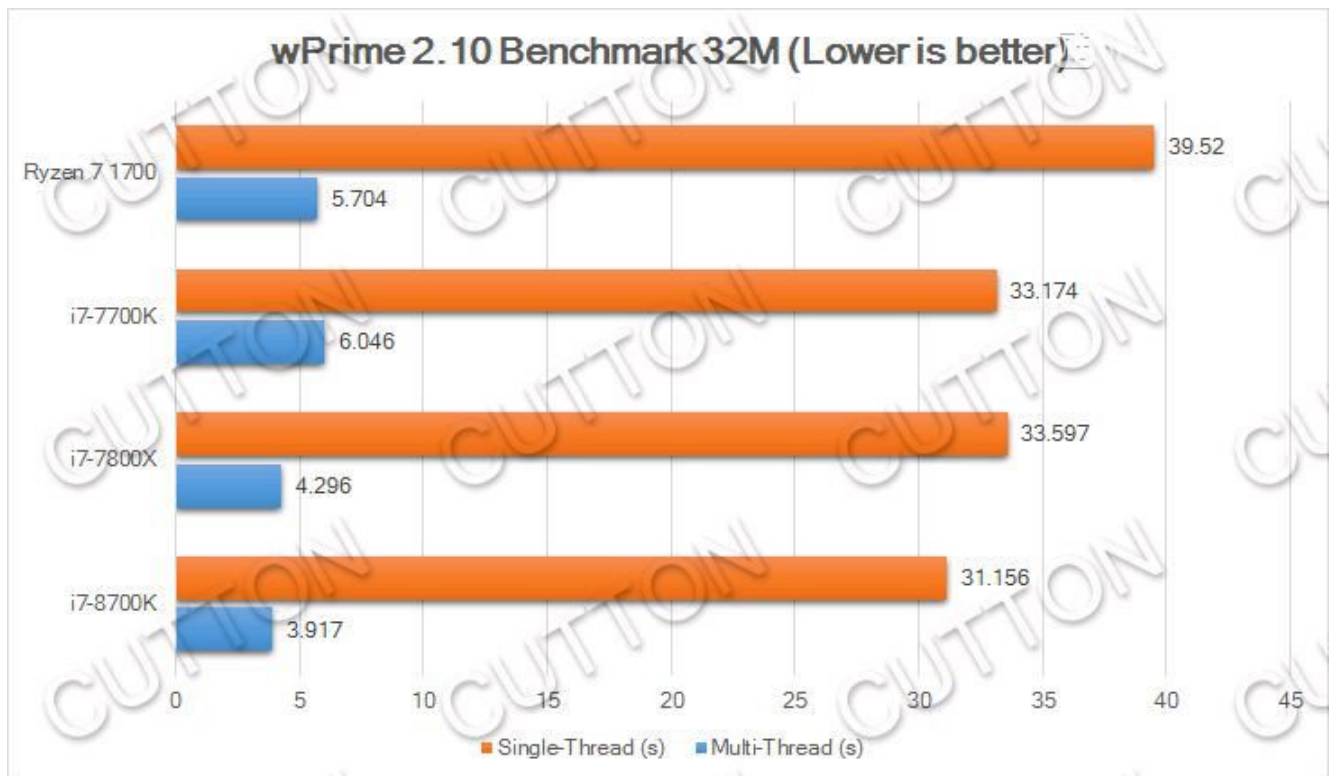


Cinebench R15 x64 Benchmark (Higher is better)



Fritz Chess Benchmark (Higher is better)





En *Cinebench R11.5* algo por encima de esos dos, aunque en mononúcleo quedaría algo por debajo del Core i7-7700K. La historia casi se repetiría en otras pruebas como *wPrime 2.10* o *Cinebench R15*, ya que en esta última estaría ligerísimamente por debajo del Ryzen 71700 –1420 frente a 1410 puntos–.

Otras pruebas aparecidas en SiSoftware tanto del Core i7-8700K como del Core i5-8400. En ambos casos, y comparados con sus equivalentes de la generación actual, Core i7-7700K y Core i5-7400, gracias a disponer de dos núcleos físicos más quedarían bastante por encima en las pruebas de rendimiento, entre un 14 y un 50 % según la prueba específica.

SiSoftware

Sandra Platinum

SiSoftware Official Live Ranker

Details for Component Intel Core i5-8400

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Component

Name

Brand

Average Speed

Average Power

Average Capacity

Price

Individual Results

Aggregated Results

Intel Core i5-8400

Intel

3.81GHz

122.0W

6T

7

1

Top Components | Top Brands | Best Price for Intel Core i5-8400

All Benchmarks

All Platforms

All Operating Systems

All Operational States

Sort by Date/Time

Go

Aggregated Results

Local Rank

Benchmark

Component

Average Score

Average Capacity

Average Speed

State

Platform

Operating System

Popularity

#74 (>97.44%)

Processor Multi-Media

Intel Core i5-8400

411.80Mpix/s

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

8

0 - 1 (1) Next > End

Individual Results

Benchmark

User

Team

Computer/Device

Result ID

Score

Capacity

Speed

State

Platform

Operating System

Created

Processor Arithmetic

Anonymous

World

ASRock Z370 Pro4

Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz (6C 3.81千兆赫 (GHz) , 3.7千兆赫 (GHz) IMC, 6x 256千字节 (kB) L2, 9兆字节 (MB) L3)

145.05GOPS

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

26 August 2017

Processor Multi-Media

Anonymous

World

ASRock Z370 Pro4

Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz (6C 3.81千兆赫 (GHz) , 3.7千兆赫 (GHz) IMC, 6x 256千字节 (kB) L2, 9兆字节 (MB) L3)

420.54Mpix/s

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

26 August 2017

Processor Cryptography (High Security)

Anonymous

World

ASRock Z370 Pro4

Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz (6C 3.81千兆赫 (GHz) , 3.7千兆赫 (GHz) IMC, 6x 256千字节 (kB) L2, 9兆字节 (MB) L3)

9.78GB/s

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

26 August 2017

Processor Scientific Analysis (Normal/Single Precision)

Anonymous

World

ASRock Z370 Pro4

Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz (6C 3.81千兆赫 (GHz) , 3.7千兆赫 (GHz) IMC, 6x 256千字节 (kB) L2, 9兆字节 (MB) L3)

71.68GFLOPS

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

26 August 2017

Processor Scientific Analysis (High/Double Precision)

Anonymous

World

ASRock Z370 Pro4

Intel(R) Core(TM) i5-8400 CPU @ 2.80GHz (6C 3.81千兆赫 (GHz) , 3.7千兆赫 (GHz) IMC, 6x 256千字节 (kB) L2, 9兆字节 (MB) L3)

31.35GFLOPS

6T

3.81GHz

Normal

Desktop

Windows x64 10.0.17

26 August 2017

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Details for Component Intel Core i7-8700K

SiSoftware: Home | Teams | Users | Brands | Computers/Devices | Aggregated Results | Individual Results

Welcome to the SiSoftware Official Live Ranker for English speakers.

Component	Name	Brand	Average Speed	Average Power	Average Capacity	Price	Individual Results	Aggregated Results
Intel	Intel Core i7-8700K	Intel	4.30GHz	908.5W	12T		10	2

Top Components | Top Brands | Best Price for Intel Core i7-8700K

All Benchmarks Desktop Windows x64 Normal Sort by Date/Time Go

Local Rank	Benchmark	Component	Average Score	Average Capacity	Average Speed	State	Platform	Operating System	Popularity
#60 (>97.93%)	Processor Multi-Media	Intel Core i7-8700K	459.11Mpix/s	12T	4.31GHz	Normal	Desktop	Windows x64 10.0.17	7
#49 (>97.65%)	Processor Scientific Analysis (High/Double Precision)	Intel Core i7-8700K	32.11GFLOPS	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	3

0 - 1 (2) Next > End

Benchmark	User	Team	Computer/Device	Result ID	Score	Capacity	Speed	State	Platform	Operating System	Created
Processor Arithmetic	Anonymous	World	ASRock Z370 Pro4	Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz (6C 12T 4.3千兆赫 (GHz) , 4.3千兆赫 (GHz) IMC, 6x 256千字节 (KB) L2, 12兆字节 (MB) L3)	217.98GOPS	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	25 August 2017
Processor Multi-Media	Anonymous	World	ASRock Z370 Pro4	Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz (6C 12T 4.3千兆赫 (GHz) , 4.3千兆赫 (GHz) IMC, 6x 256千字节 (KB) L2, 12兆字节 (MB) L3)	658.57Mpix/s	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	25 August 2017
Processor Cryptography (High Security)	Anonymous	World	ASRock Z370 Pro4	Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz (6C 12T 4.3千兆赫 (GHz) , 4.3千兆赫 (GHz) IMC, 6x 256千字节 (KB) L2, 12兆字节 (MB) L3)	10.47GB/s	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	25 August 2017
Processor Scientific Analysis (Normal/Single Precision)	Anonymous	World	ASRock Z370 Pro4	Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz (6C 12T 4.3千兆赫 (GHz) , 4.3千兆赫 (GHz) IMC, 6x 256千字节 (KB) L2, 12兆字节 (MB) L3)	61.41GFLOPS	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	25 August 2017
Processor Scientific Analysis (High/Double Precision)	Anonymous	World	ASRock Z370 Pro4	Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz (6C 12T 4.3千兆赫 (GHz) , 4.3千兆赫 (GHz) IMC, 6x 256千字节 (KB) L2, 12兆字节 (MB) L3)	32.11GFLOPS	12T	4.29GHz	Normal	Desktop	Windows x64 10.0.17	26 August 2017

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Fuente: geektopia.