

Erledigt

AMD Ryzen 9 3900X vs Intel Core i9-9920X / Intel Core i9-7920X

Beitrag von „rubenszy“ vom 9. Juli 2019, 00:27

Schaut man sich von Geekbench4 die Datenbank an, tritt der 500 Euro 3900x mit seinen niedrigen Taktraten,

CPU	Ryzen 9 3900X
Kerne / Threads	12 / 24
Grundtakt	3800
Maximaler Boost-Takt (1 Kern) (MHz)	4600 4500
Boost-Takt (Alle Kerne) (MHz)	4300
Cache L2 (MB)	6
Cache L3 (MB)	64
PCIe-Lanes	24
TDP (W)	105

die beiden 1000-1300 Euro teuren Intel CPU's ganz schön in den Arsch, wenn man den Durchschnitt aller Test von jeder CPU zusammen rechnet, kommt man beim i9-7920X und 3900X auf 55000 und der 9920X mit 52000, für etwas mehr als ein Drittel vom Verkaufspreis der anderen beiden beachtlich.

Released	Model	Platform	Year	Single-Core Score	Multi-Core Score
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6235	56302
01/16/2019	AMD R9	AMD 299 X 390 64-bit		6141	55339
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6345	56303
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6237	56256
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6367	56201
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6271	56074
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6289	56017
01/16/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit	pre-release	6206	54964
01/16/2019	AMD R9	AMD 299 X 390 64-bit		6109	54791
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6371	54676
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6332	54659
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6270	54626
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6302	54548
01/16/2019	AMD R9	AMD 299 X 390 64-bit		6093	54546
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Linux 64-bit		6327	54362
01/16/2019	AMD R9	AMD 299 X 390 64-bit		6146	54106
01/17/2019	AMD R9	AMD 299 X 390 64-bit		6164	52977
01/17/2019	AMD R9	AMD 299 X 390 64-bit		6190	52799
01/17/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Windows 64-bit		6436	50626
01/17/2019	AMD R9	AMD 299 X 390 64-bit		6001	50604
01/16/2019	System manufacturer System Product Name AMD Ryzen 9 3900X (12C/24T) (12C)	Windows 64-bit		6066	48419
01/16/2019	System	Windows 64-bit		5873	48102

Späherzeit	Modell	Plattform	Chip	Single-Core Score	Multi-Core Score
Jan 16, 2019	MacBook 1	Mac 3900 X 3900 X		4002	56965
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		4005	56903
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4359	56496
Jan 25, 2019	MacBook 1	Mac 3900 X 3900 X		4026	56496
May 16, 2019	MacBook 1	Mac 3900 X 3900 X	Intel Iris Graphics	4160	56472
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4286	56463
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4125	56106
May 16, 2019	MacBook 1	Mac 3900 X 3900 X	Laport	4153	55815
May 16, 2019	MacBook 1	Mac 3900 X 3900 X	Laport	4129	55755
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4115	55729
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4126	55708
May 16, 2019	MacBook 1	Mac 3900 X 3900 X	Laport	4081	55678
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4085	55657
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4120	55430
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4047	55312
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		4074	55308
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		4091	55297
Jan 16, 2019	MacBook 1	Mac 3900 X 3900 X		4046	55270
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		4058	55212
May 16, 2019	MacBook 1	Mac 3900 X 3900 X	Intel Iris Graphics	3768	55196
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		4045	55026
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		4043	54933

Späherzeit	Modell	Plattform	Chip	Single-Core Score	Multi-Core Score
May 16, 2019	System Information - System Product Name	Mac 3900 X 3900 X	Intel Iris Graphics	4126	58300
May 16, 2019	System Information - System Product Name	Mac 3900 X 3900 X		4112	58080
May 17, 2019	System Information - System Product Name	Mac 3900 X 3900 X		4061	57370
Jan 16, 2019	MacBook 1	Mac 3900 X 3900 X		3882	55594
Jan 16, 2019	System Information - System Product Name	Mac 3900 X 3900 X	Intel Iris Graphics	4041	53521
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3708	52442
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3709	52398
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3690	52372
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3714	52340
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3675	52323
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3713	52291
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		3723	52236
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3713	52174
Apr 17, 2019	System Information - System Product Name	Mac 3900 X 3900 X		3499	52147
May 17, 2019	MacBook 1	Mac 3900 X 3900 X		3683	52099
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3731	51931
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3711	51844
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3725	51782
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3686	51773
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3667	51649
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3676	51566
May 16, 2019	MacBook 1	Mac 3900 X 3900 X		3679	51465

Sogar unter Mac OS macht der 3900X eine gute Figur, auch noch besser als sein Artverwandter 2920X, der 10000 Punkte unter ihm ist.

Updated	Model	Platform	Year	Single Core Score	Multi Core Score
Jan 16, 2019	Appleton Technology Co., Ltd. AMD A6875L (Ryzen) AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5432	46266
Jan 11, 2019	Appleton Technology Co., Ltd. AMD A6875L (Ryzen) AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5423	46243
Feb 06, 2019	Unimicro Systems AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	4981	45960
Dec 11, 2018	Micro-Star International (MSI) AMD A6875L (Ryzen) AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5525	45853
Nov 08, 2018	Unimicro Systems AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	4935	45407
Nov 05, 2018	Unimicro Systems AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5233	45163
Nov 05, 2018	MSI AMD Power: 100W-150W (150W) (150W)	Mini PC (100W)	2018	4964	44875
Nov 05, 2018	Unimicro Systems AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5073	44194
Jan 16, 2019	Unimicro Systems AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5046	44044
Dec 01, 2018	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5306	43864
Jan 16, 2019	MSI AMD Power: 100W-150W (150W) (150W)	Mini PC (100W)	2018	4737	42497
Dec 01, 2018	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	4686	42336
Jan 16, 2019	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5114	42274
Jan 16, 2019	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5202	42185
Jan 16, 2019	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5277	42124
Jan 15, 2019	MSI AMD Power: 100W-150W (150W) (150W)	Mini PC (100W)	2018	4870	41955
Jan 07, 2019	Appleton Technology Co., Ltd. AMD A6875L (Ryzen) AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5205	41480
Jan 04, 2019	MSI AMD Power: 100W-150W (150W) (150W)	Mini PC (100W)	2018	5065	41181
Nov 07, 2018	MSI AMD Power: 100W-150W (150W) (150W)	Mini PC (100W)	2018	5099	41096
Nov 05, 2018	Appleton Technology Co., Ltd. AMD A6875L (Ryzen) AMD Power: 100W-150W (150W) (150W)	Ultrabook	2018	5427	40907
Jan 07, 2019	System Manufacturer System Product Name AMD Power: 100W-150W (150W) (150W)	Workstation	2018	4893	40180