

Erledigt Apple Mac Pro 7.1 (2019)

Beitrag von „DSM2“ vom 8. Dezember 2019, 14:36

[revunix](#) Wie bereits richtig von Roman angemerkt ist dieses für mich persönlich völlig uninteressant.

Aus den bereits korrekt genannten Gründen. 😊

[apfelnico](#) Naja Performance von 2x 3275 kann ich zwar nicht überbieten aber bis zum gewissen grad mithalten und das günstiger.

[Romsky](#)

28 Core - Intel Xeon 3275

Supernico Super Server

Single-Core Score	Multi-Core Score
4995	59352

Geekbench 4.3.2 for Windows x86_64 (64-bit)

Result Information

User	Supernico
Updated Date	August 28 2019 11:00 PM
Views	0

System Information

System Information	
Operating System	Microsoft Windows 10 Pro (64-bit)
Model	Supernico Super Server
Motherboard	Supernico R11SPN-T
Memory	192GB MB EDRAM SDRAM-150Hz
Northbridge	Intel SkyLake-D Q2
Southbridge	Intel ICHAC108
BIOS	American Megatrends Inc. 3.0a

Processor Information

Name	Intel Xeon RP 3275
Type/Tag	1 Processor, 28 Cores, 92 Threads
Identifier	Genubakral-Family 6 Model 85 Stepping T
Base Frequency	2.71 GHz
Maximum Frequency	4.88 GHz

Mein 28 Core - Intel Xeon 3175X Stock:

MacPro7,1

Single-Core Score	Multi-Core Score
5247	89221

Geekbench 4.4.2 Typical for Mac OS X v8 (64-bit)

Result Information

User	OSM2
Upload Date	October 13 2019 05:43 AM
Views	11
Notes	Stock w/ Gigabyte CR21 Xerne

System Information

System Information	
Operating System	macOS 10.15.1 (Build 19B504)
Model	MacPro7,1
Motherboard	Apple Inc. Mac-27ACD918A888F81 1.0
Memory	19800 MB 3000 MHz DDR4
Northbridge	
Southbridge	
BIOS	Apple Inc. 1027.0.78.0.0

Processor Information

Name	Intel Xeon W-3175X
Topology	1 Processor, 28 Cores, 56 Threads

28 Core - 3175X - Leichtes Overclocking/Delidded unter Luft

MacPro7,1

Single-Core Score	Multi-Core Score
5517	105644

Geekbench 4.4.1 Pro for Mac OS X v8 (64-bit)

Result Information

User	OSM2
Upload Date	September 14 2019 09:21 PM
Views	128

System Information

System Information	
Operating System	macOS 10.15 (Build 19A5583)
Model	MacPro7,1
Motherboard	Apple Inc. Mac-27ACD918A888F81 1.0
Memory	19800 MB 3000 MHz DDR4
Northbridge	
Southbridge	
BIOS	Apple Inc. 1027.0.80.0.0

Processor Information

Name	Intel Xeon W-3175X
Topology	1 Processor, 28 Cores, 56 Threads

16 Core - 7960X Stock

iMacPro1,1

Single-Core Score	Multi-Core Score
5157	53897
Geekbench 4.3.3 Typical for Mac OS X v8R (64-bit)	
Result Information	
Upload Date	November 02 2019 04:44 PM
Views	2
System Information	
System Information	
Operating System	macOS 10.14.4 (Build 18E209)
Model	iMacPro1,1
Motherboard	Apple Inc. Mac-7BA5025E42DD094 1.0
Memory	65536 MB 3200 MHz DDR4
Northbridge	
Southbridge	
BIOS	Apple Inc. 220.290.250.0.0
Processor Information	
Processor Information	
Name	Intel Core i7-7960X
Topology	1 Processor, 16 Cores, 32 Threads
Identifier	Genualntel Family 6 Model 85 Stepping 4
Base Frequency	2.81 GHz

16 Core - 7960X Overclocked

iMacPro1,1

Single-Core Score	Multi-Core Score
6339	72584
Geekbench 4.3.3 for Mac OS X v8R (64-bit)	
Result Information	
User	D1010
Upload Date	April 13 2019 10:00 AM
Views	459
System Information	
System Information	
Operating System	macOS 10.14.5 (Build 18F109)
Model	iMacPro1,1
Motherboard	Apple Inc. Mac-7BA5025E42DD094 1.0
Memory	131072 MB 3200 MHz DDR4
Northbridge	
Southbridge	
BIOS	Apple Inc. 220.290.250.0.0
Processor Information	
Processor Information	
Name	Intel Core i7-7980X
Topology	1 Processor, 18 Cores, 32 Threads
Identifier	Genualntel Family 6 Model 85 Stepping 4
Base Frequency	2.81 GHz

18 Core - 7980XE Stock

Single-Core Score		Multi-Core Score	
6025		64631	
Geekbench 4.1.1 Test for Windows (64-bit) (64)			
Result Information			
Upload Date	December 07 2019 09:40 AM		
Views	2		
System Information			
System Information			
Operating System	Microsoft Windows 10 Home (64-bit)		
Model	System Manufacturer System Product Name		
Motherboard	ASUSTAI COMPUTER INC ROG STRIX Z390-E EXTREME DMEGA		
Memory	32GB 4800 MHz DDR4 28800MHz		
Northbridge	Intel Skylake Z390		
Southbridge	Intel Z390-D		
BIOS	American Megatrends Inc. 0902		
Processor Information			
Name	Intel Core i9-7980XE		
Topology	1 Processor, 18 Cores, 36 Threads		
Identifier	Generation Family 9 Model 95 Stepping 4		
Base Frequency	2.60 GHz		
Maximum Frequency	4.30 GHz		
Package	Socket LGA2011-3		
Caches	Skylake-X		
L1 Instruction Cache	32.0 KB x 16		
L1 Data Cache	32.0 KB x 16		
L2 Cache	1.00 MB x 16		
L3 Cache	24.0 MB x 1		

18 Core - 7980XE Overclocked

Single-Core Score		Multi-Core Score	
6274		80093	
Geekbench 4.1.1 Test for Mac OS X (64-bit) (64)			
Result Information			
Upload Date	August 22 2019 08:01 PM		
Views	48		
System Information			
System Information			
Operating System	macOS 10.14.4 (Build 18A001)		
Model	MacPro1,1		
Motherboard	Apple Inc. Mac-14AB0130-4000004-1,0		
Memory	65536 MB 2400 MHz DDR4		
Northbridge			
Southbridge			
BIOS	Apple Inc. 7021.2.0.101.0		
Processor Information			
Name	Intel Core i9-7980XE		
Topology	1 Processor, 18 Cores, 36 Threads		
Identifier	Generation Family 9 Model 95 Stepping 4		
Base Frequency	2.60 GHz		
Package			
Caches			
L1 Instruction Cache	32.0 KB x 16		
L1 Data Cache	32.0 KB x 16		
L2 Cache	1.00 MB x 16		
L3 Cache	24.0 MB x 1		

Bezüglich GPU

Dann kauft man halt zwei Radeon VII um eine Duo nachzustellen...

Ist man etwas langsamer aber ich wage zu bezweifeln, dass man das ohne Direktvergleich wahrnehmen kann.

Radeon VII

Theoretical Performance	
Pixel Rate:	112.0 GPixel/s
Texture Rate:	420.0 GTexel/s
FP16 (half) performance:	26.88 TFLOPS (2:1)
FP32 (float) performance:	13.44 TFLOPS
FP64 (double) performance:	3.360 TFLOPS (1:4)

Radeon Pro Vega II Duo

Theoretical Performance	
Pixel Rate:	110.1 GPixel/s x2
Texture Rate:	440.3 GTexel/s x2
FP16 (half) performance:	28.18 TFLOPS (2:1) x2
FP32 (float) performance:	14.09 TFLOPS x2
FP64 (double) performance:	880.6 GFLOPS (1:16) x2