

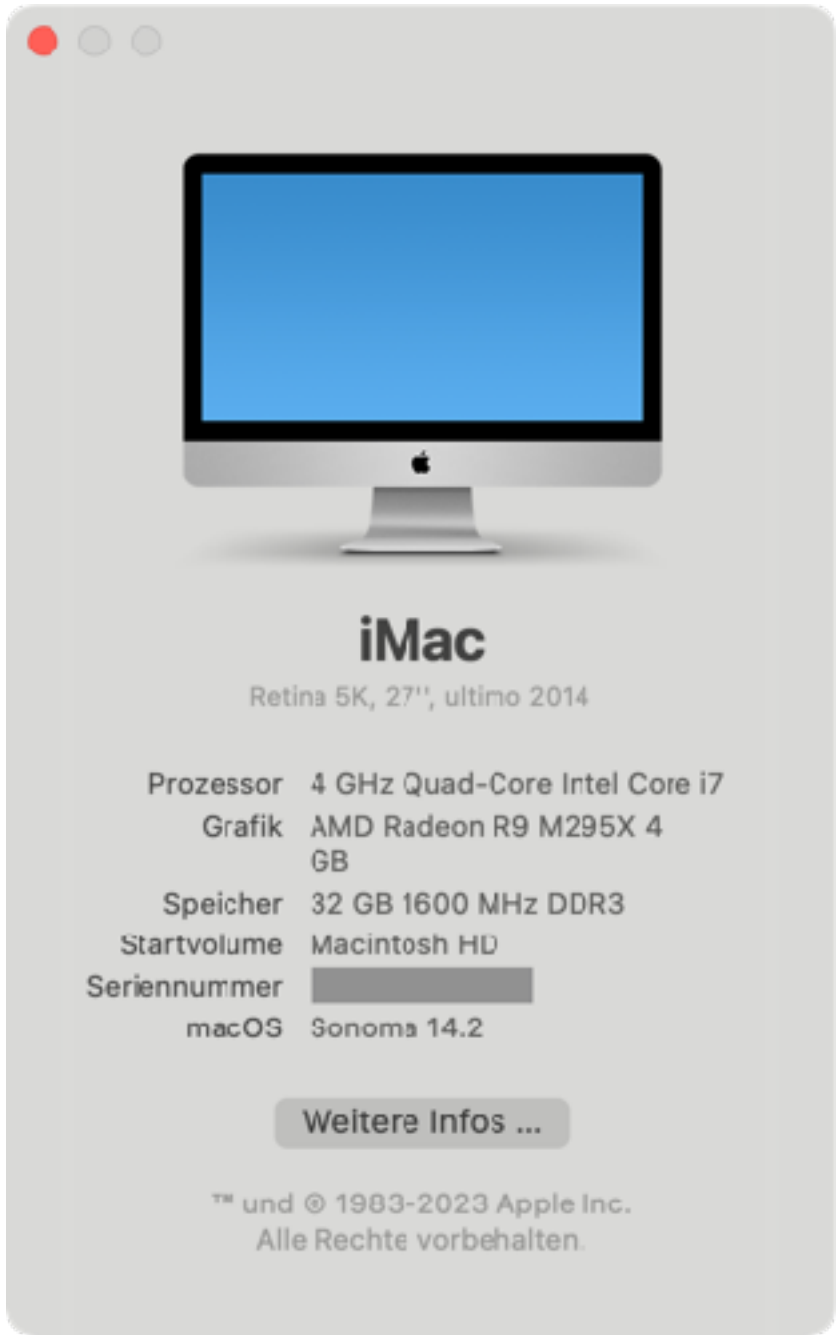
10 Jahre Mac & Performance

Geekbench und Video-Encoding

Januar 2024

Geräte

iMac 27" (2014)



Intel Core i7-4790K CPU @ 4.00GHz
4 Cores / 8 Threads

MacBook Pro (2019) MacBook Air (2020)



Intel(R) Core(TM) i9-9980HK CPU @ 2.40GHz
8 Cores / 16 Threads



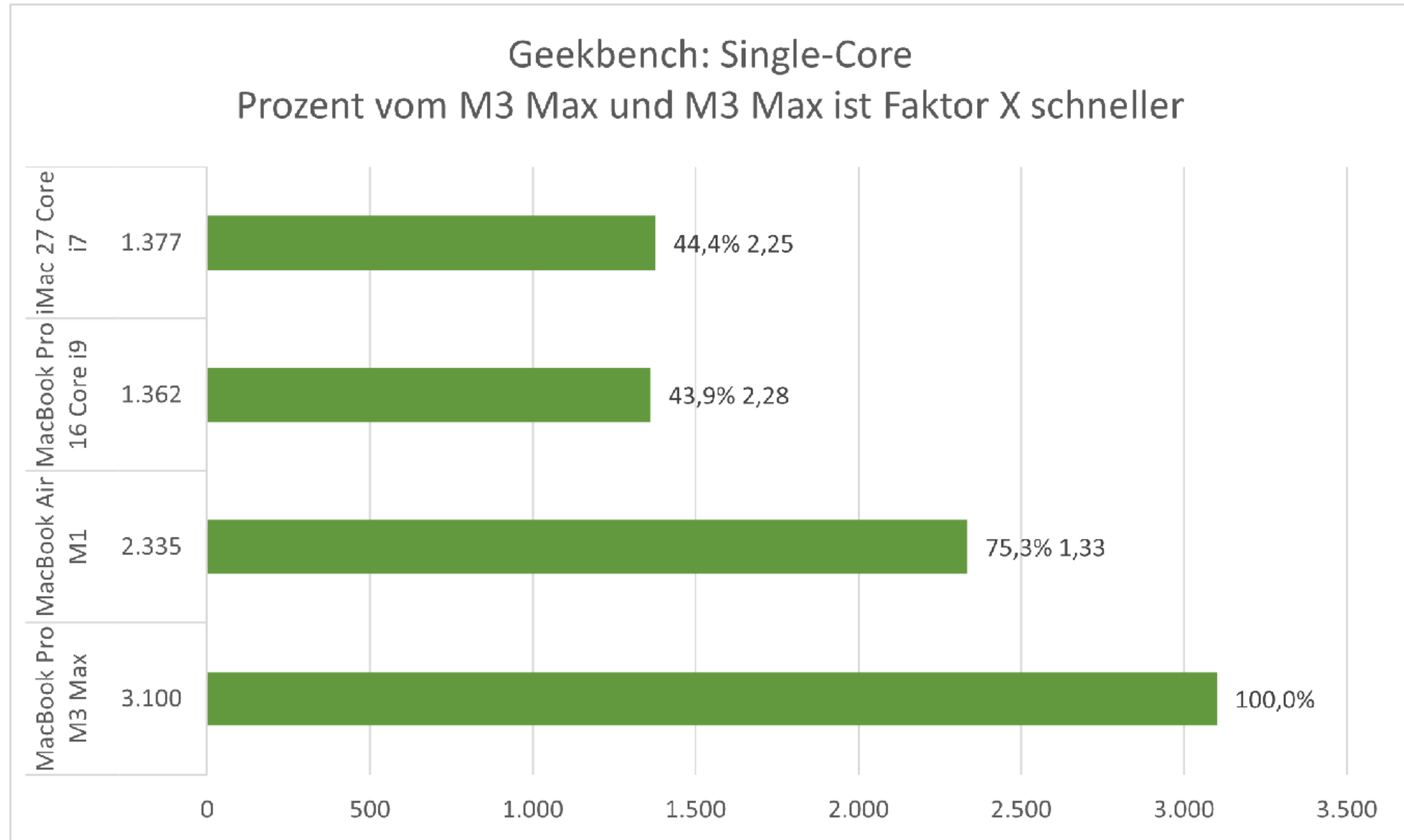
Apple M1
4 Performance / 4 Efficiency Cores

MacBook Pro (2023)

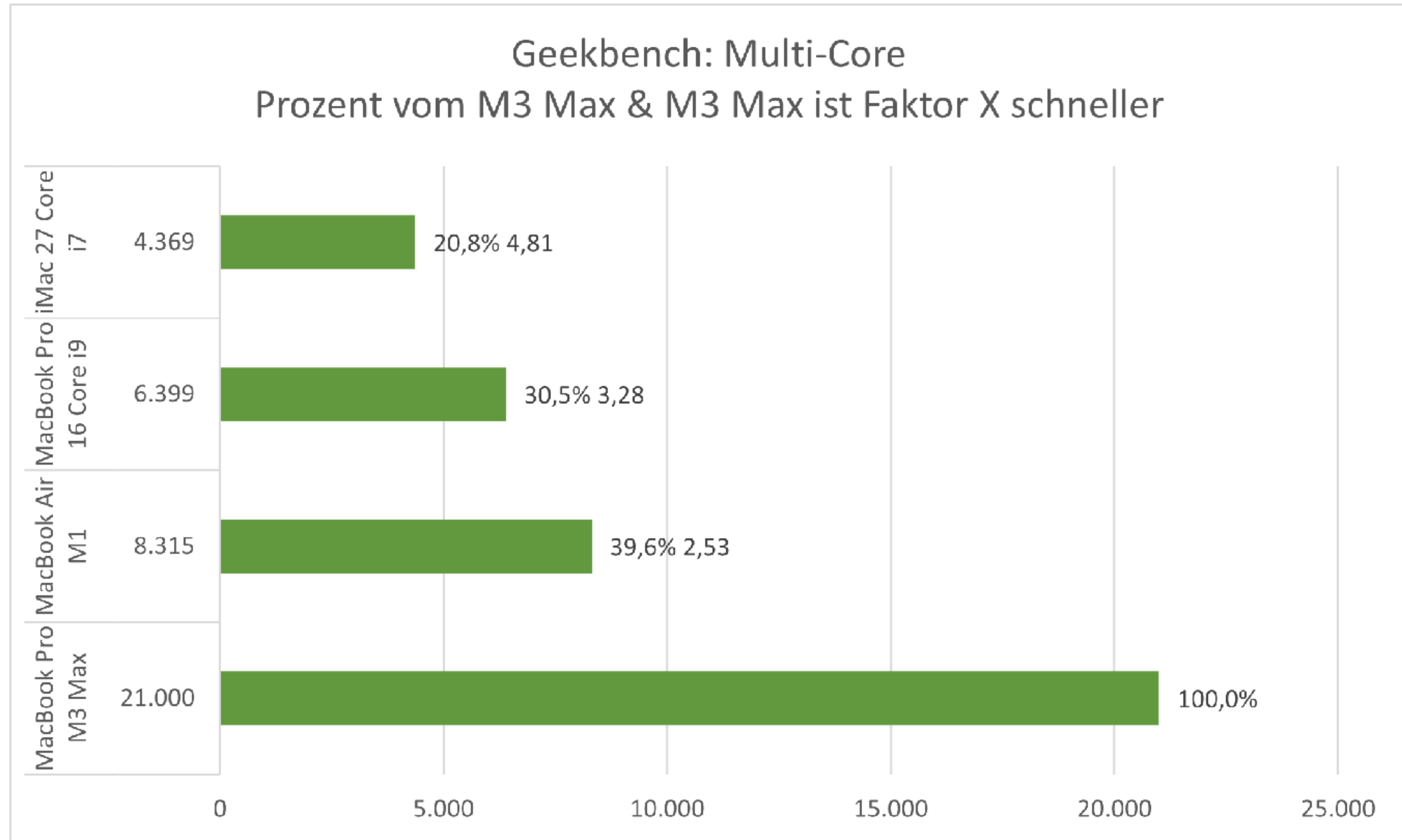


Apple M3 Max
12 Performance / 4 Efficiency Cores

Geekbench



Geekbench



Quelle

Eingangsmaterial

- iPhone 15 Pro Max
- Kamera-App
- 4k / 60p
- Sonst: Standardeinstellungen

Anwendungen

Exporte

Final Cut Pro X 10.7.1

- H.264 1080p
- H.264 4k
- H.265 / HEVC 1080p
- ProRes
- An Compressor → H.264 1080p

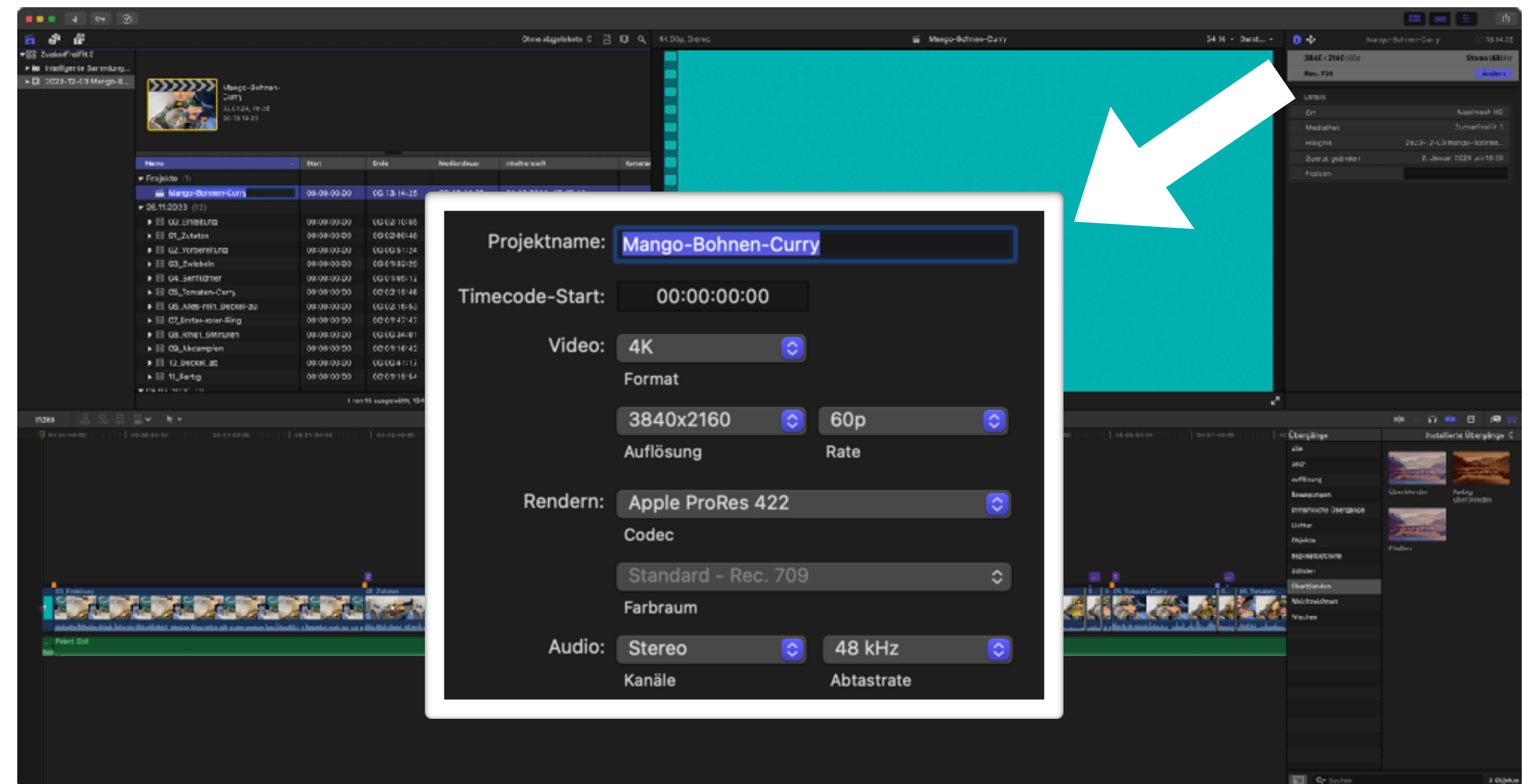
Compressor 4.7

- ProRes → H.264 1080p

Final Cut Pro X

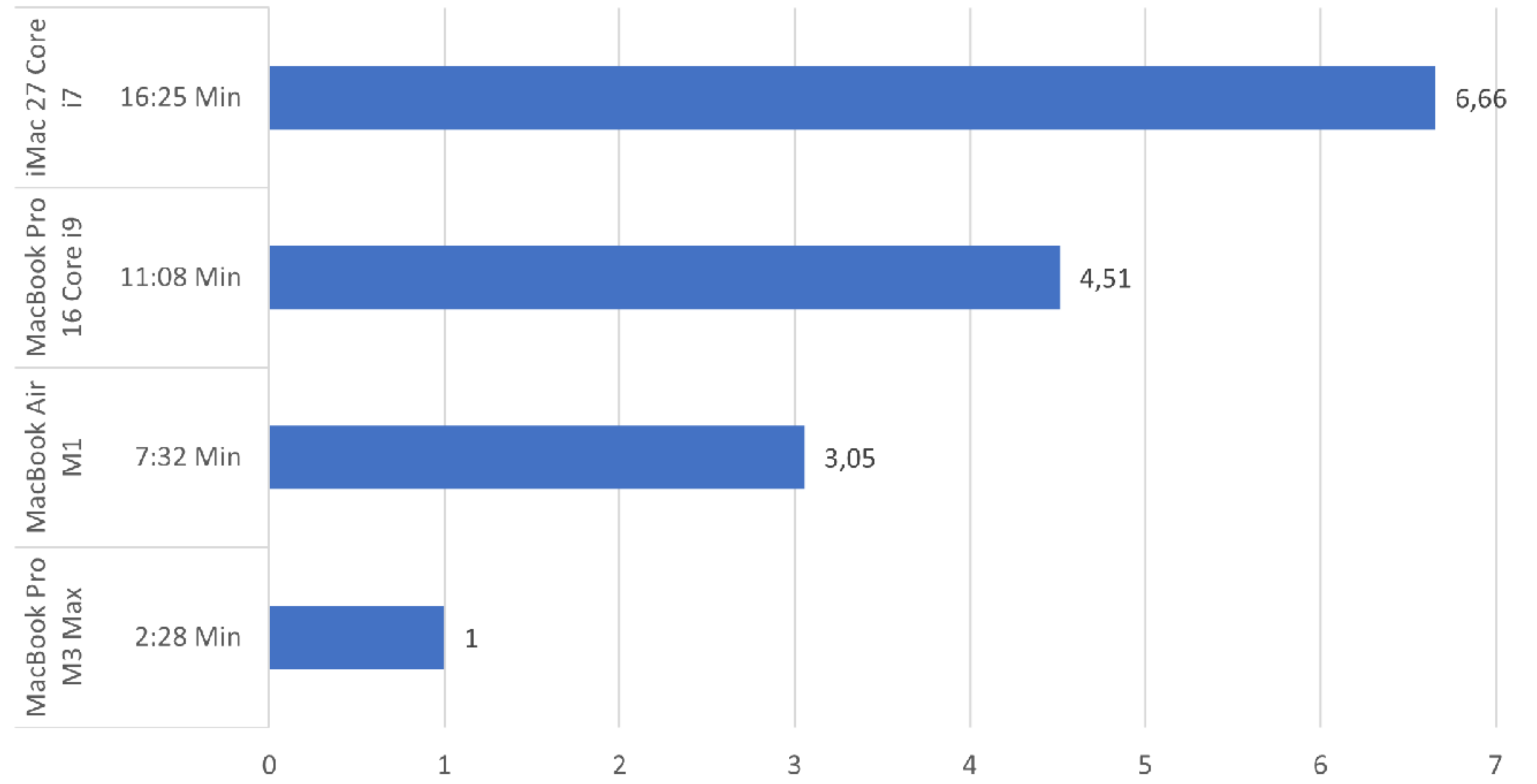
Ein simples Projekt wird in verschiedene Formate exportiert

- Eine Kamera
- Paar Übergänge
- Etwas Musik
- Dauer: 13:14:25 Minuten



FCPX: H.264 - HD

H.264 (HD) Export
Zeiten und Faktor / Final Cut Pro X



Ablage / Teilen / Apple-Geräte 1080p...

Apple-Geräte 1080p

Format: Apple-Geräte

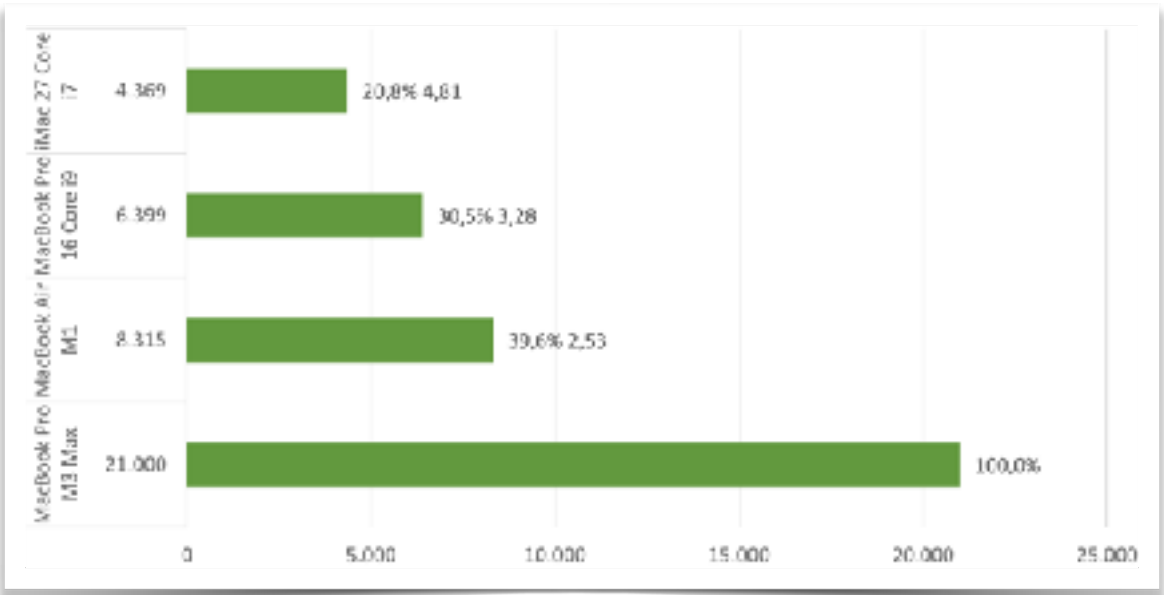
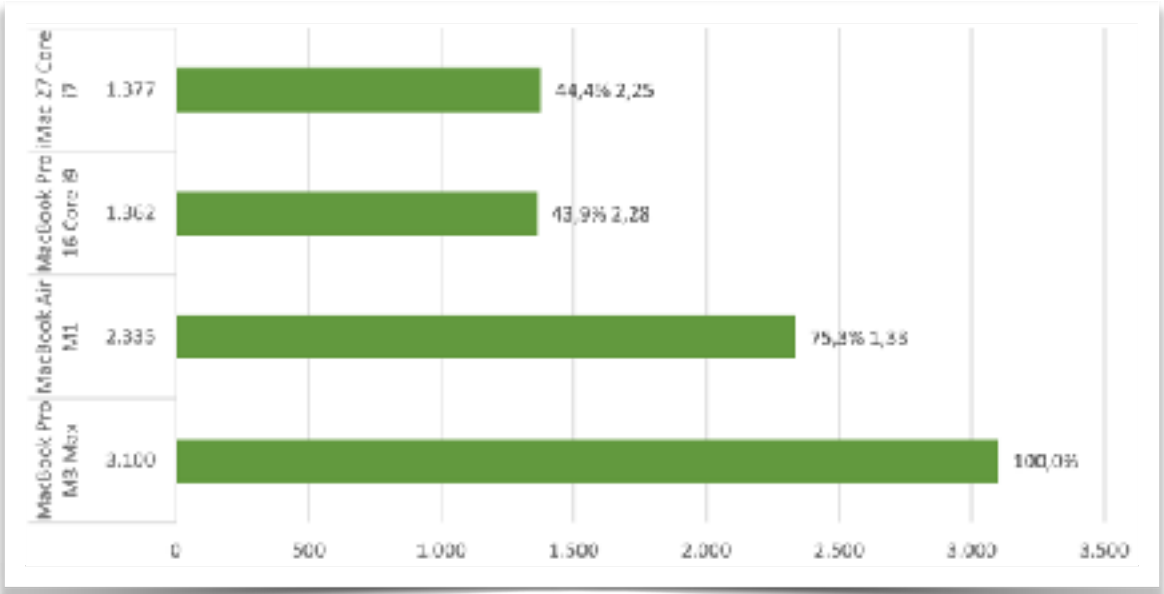
Video-Codec: H.264, ein Durchgang (schneller)

Auflösung: 1920 x 1080

Farbraum: Standard - Rec. 709

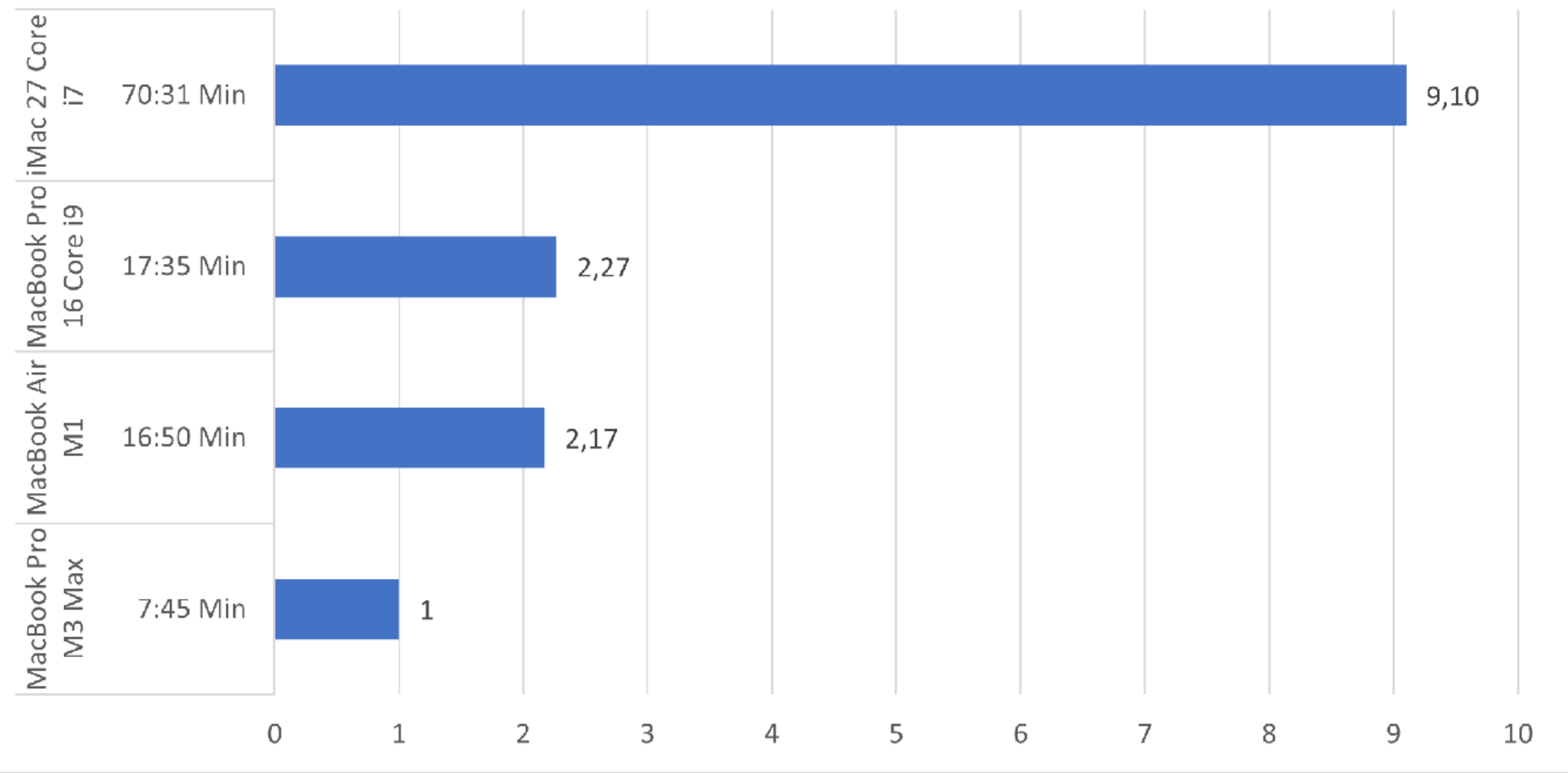
Audioformat: AAC

Geekbench Referenz

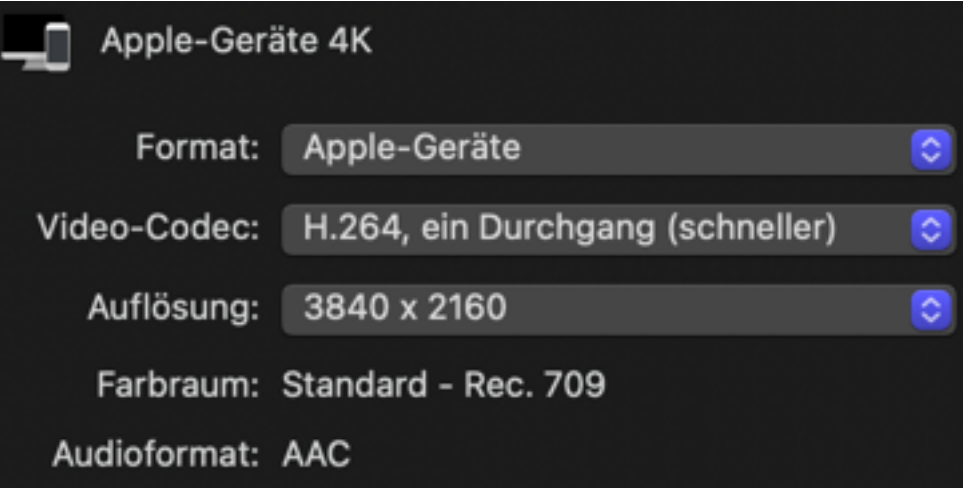


FCPX: H.264 - 4k

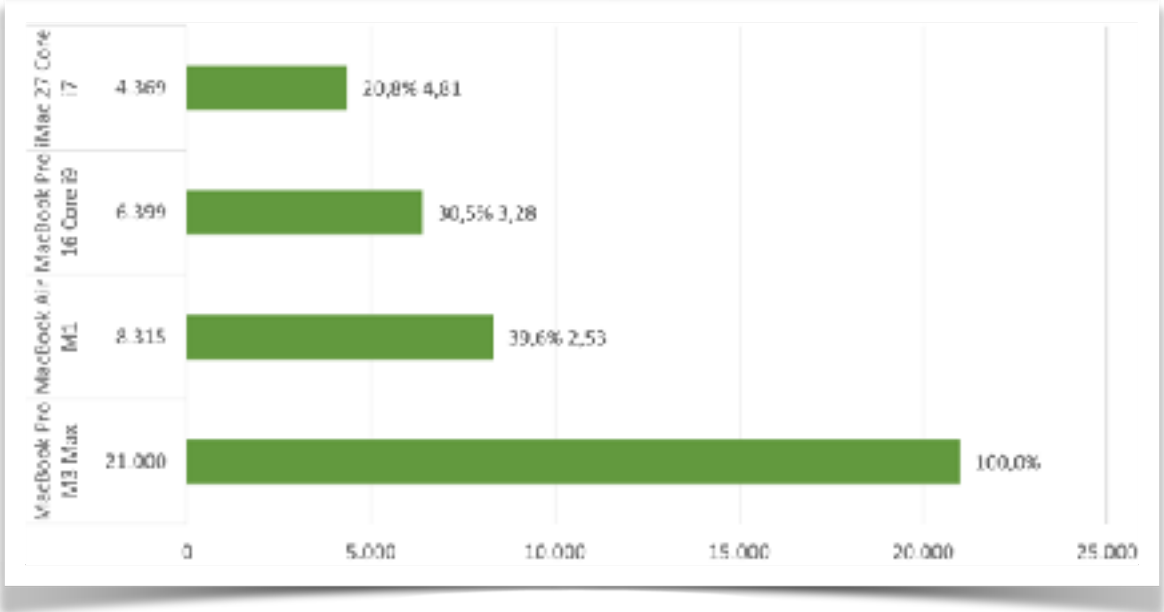
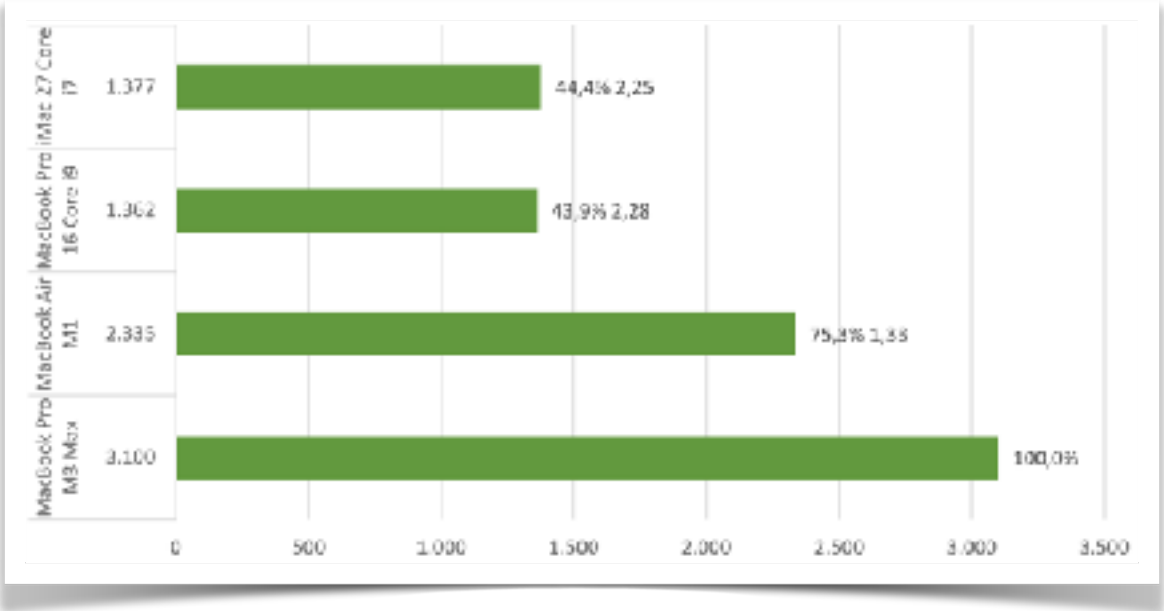
H.264 (4k) Export
Zeiten und Faktor / Final Cut Pro X



Ablage / Teilen / Apple-Geräte 4k...

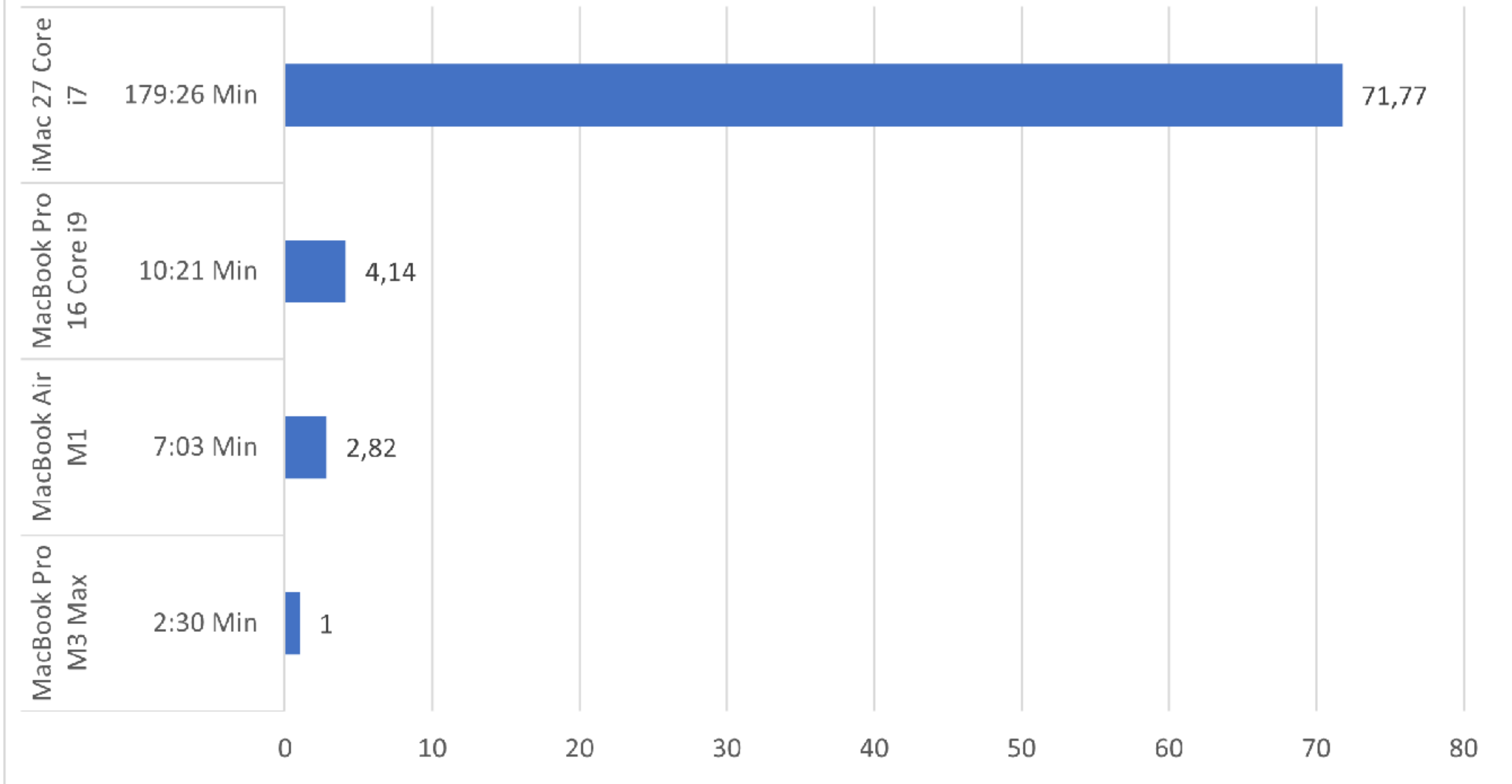


Geekbench Referenz

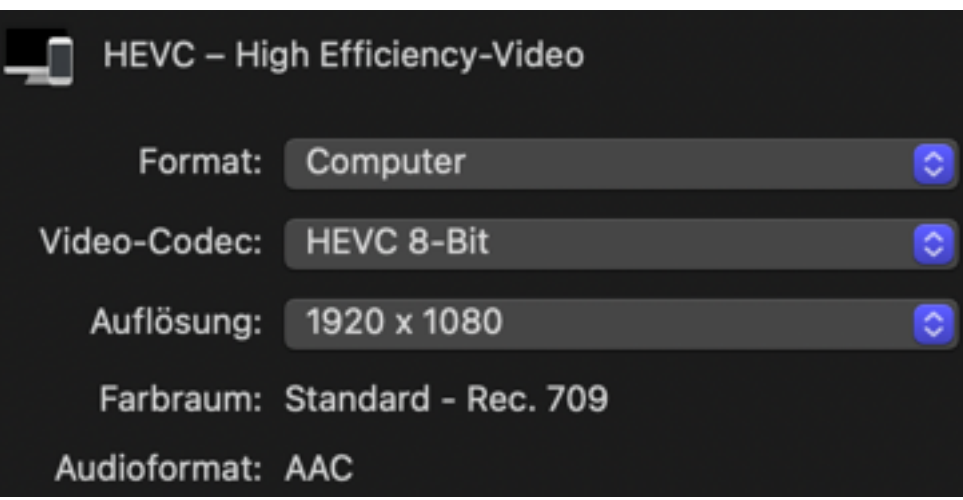


FCPX: H.265 / HEVC - HD

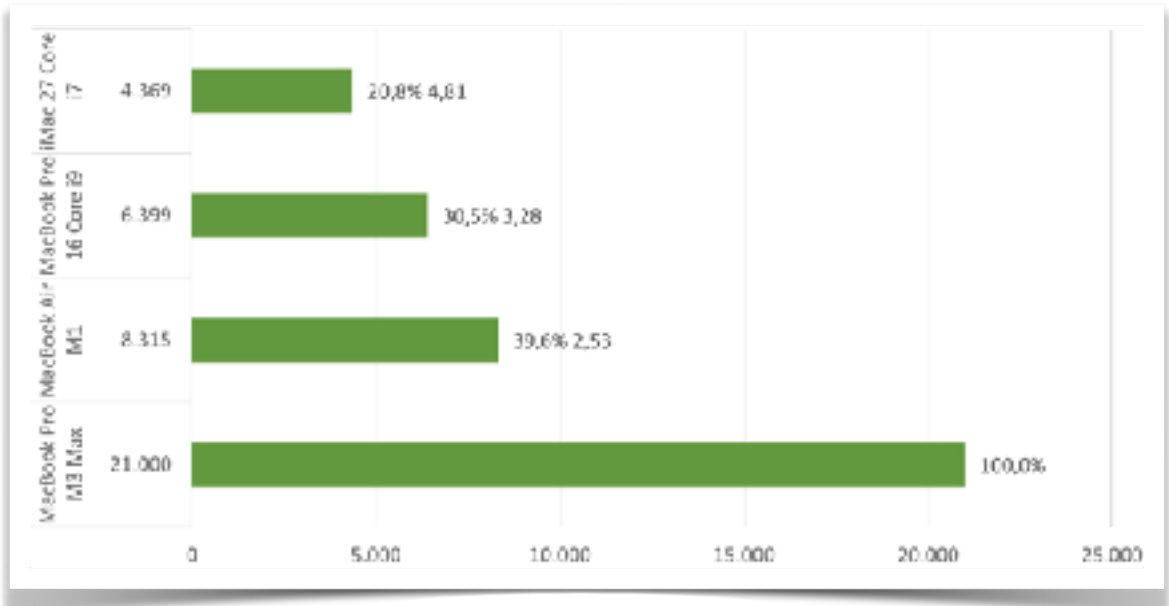
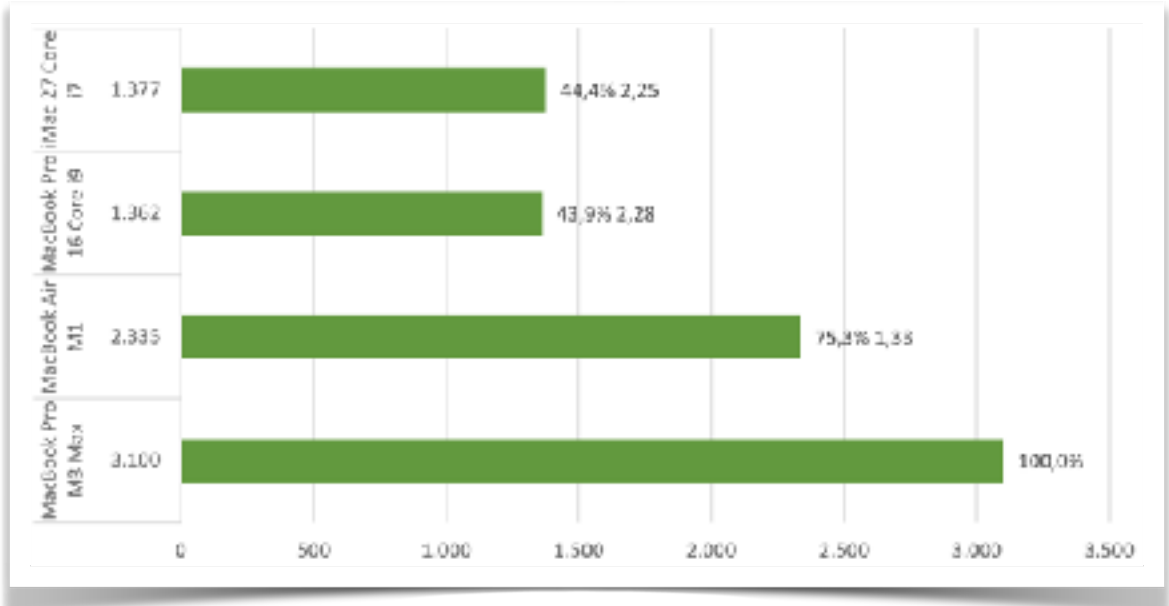
HEVC (HD) Export
Zeiten und Faktor / Final Cut Pro X



Ablage / Teilen / HEVC - High Efficiency-Video ...

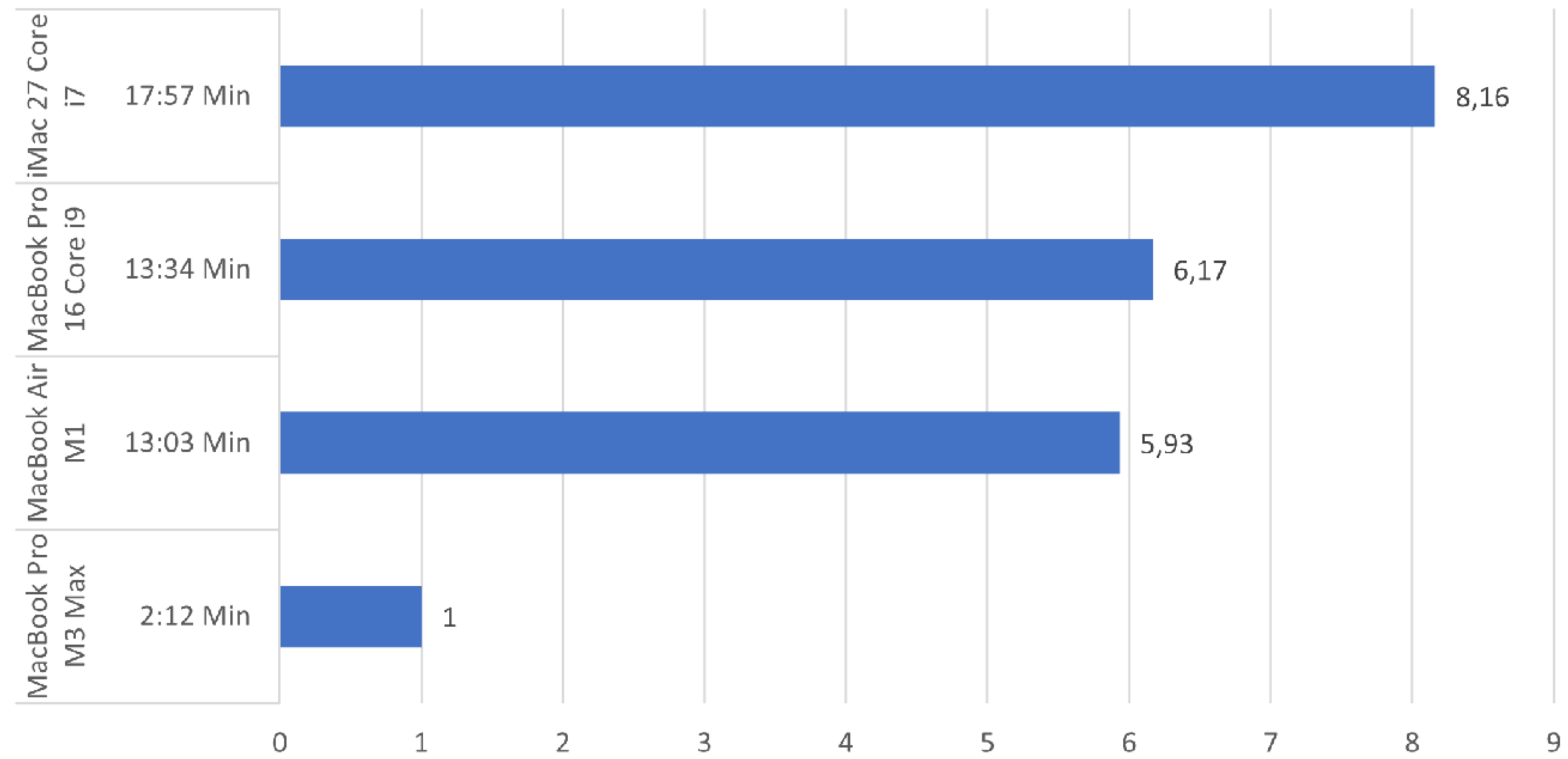


Geekbench Referenz



FCPX: ProRes

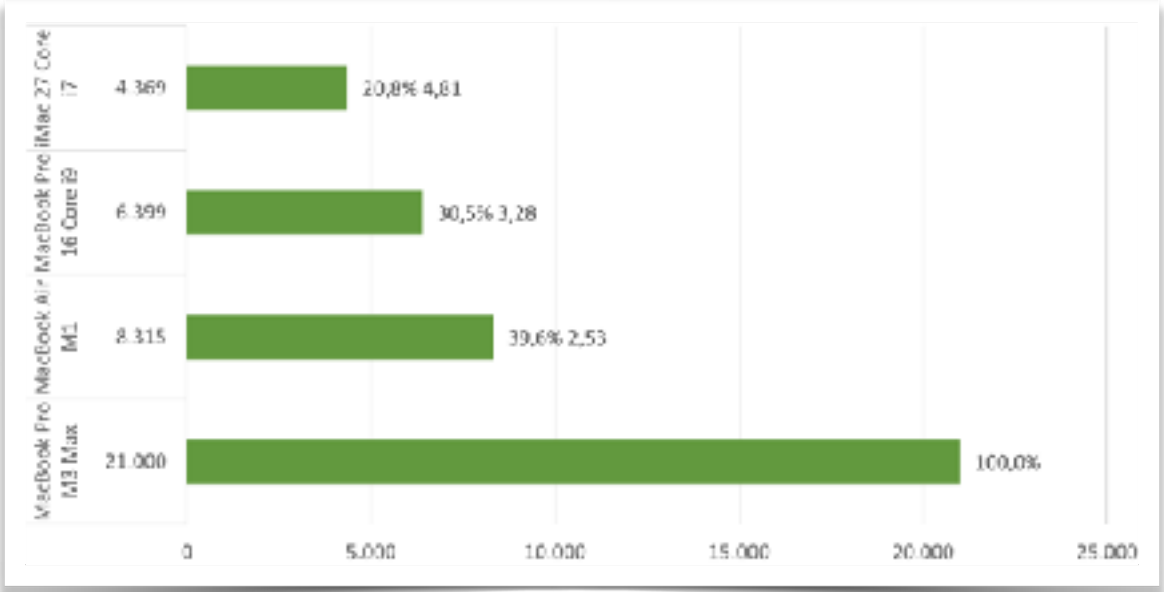
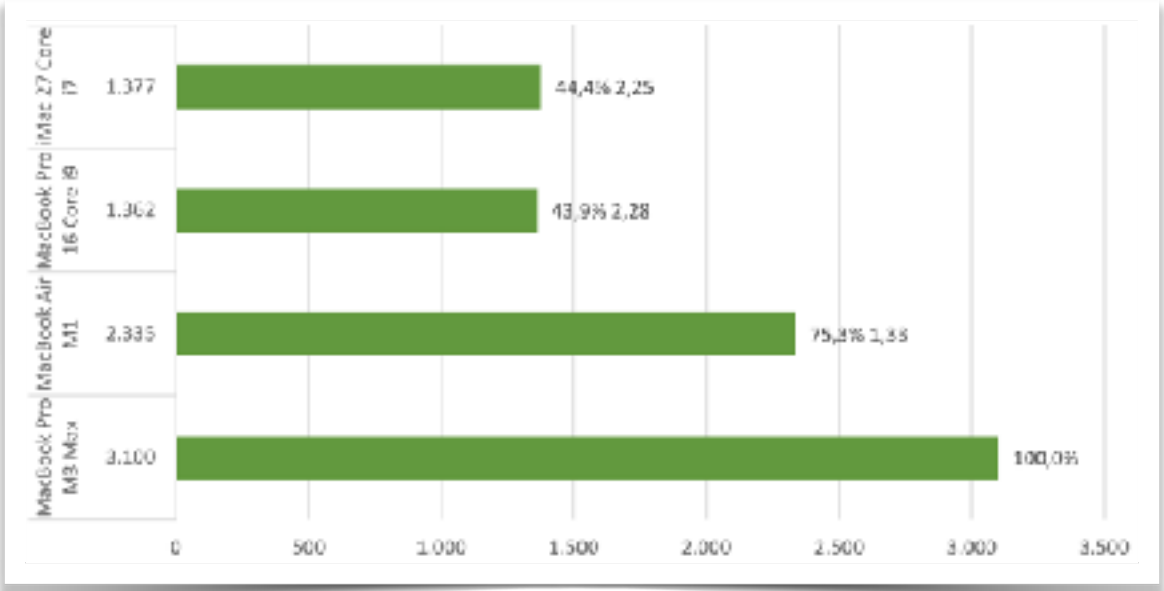
ProRes Export Zeiten und Faktor / Final Cut Pro X



Ablage / Teilen / Datei exportieren (Standard) ...

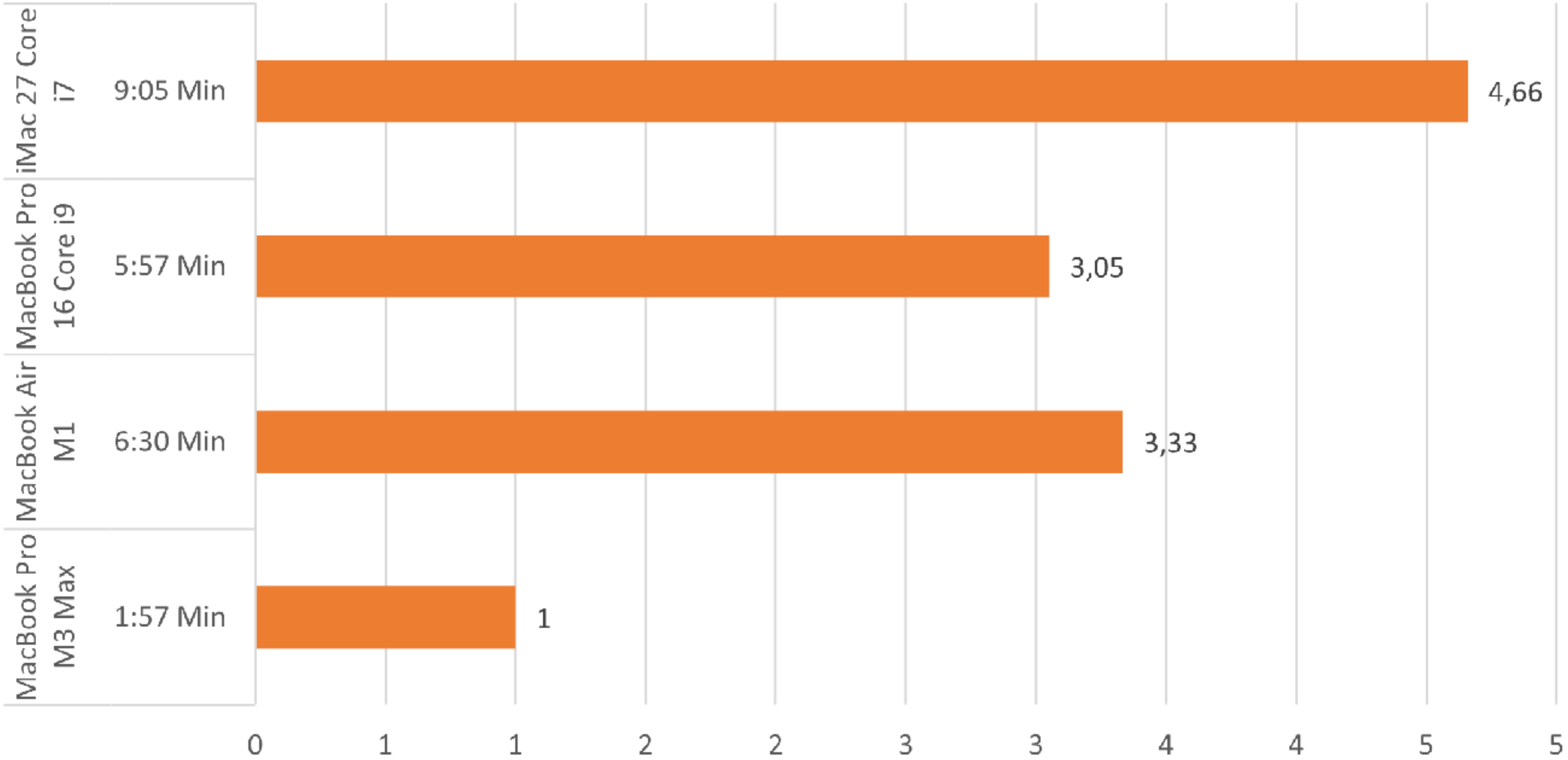


Geekbench Referenz



Compressor: ProRes → H.264

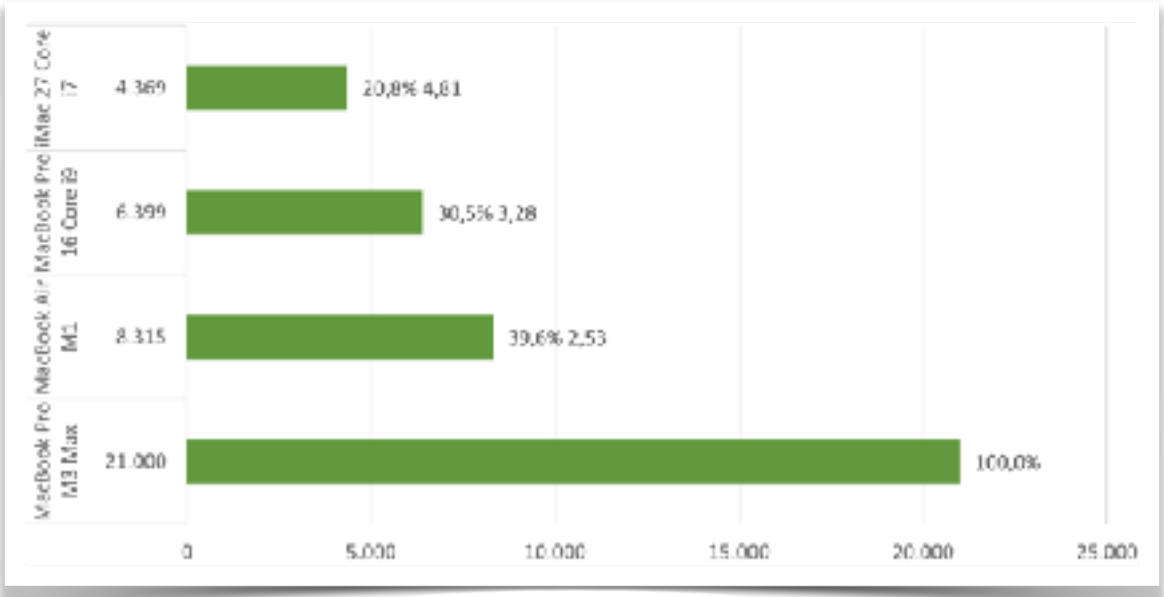
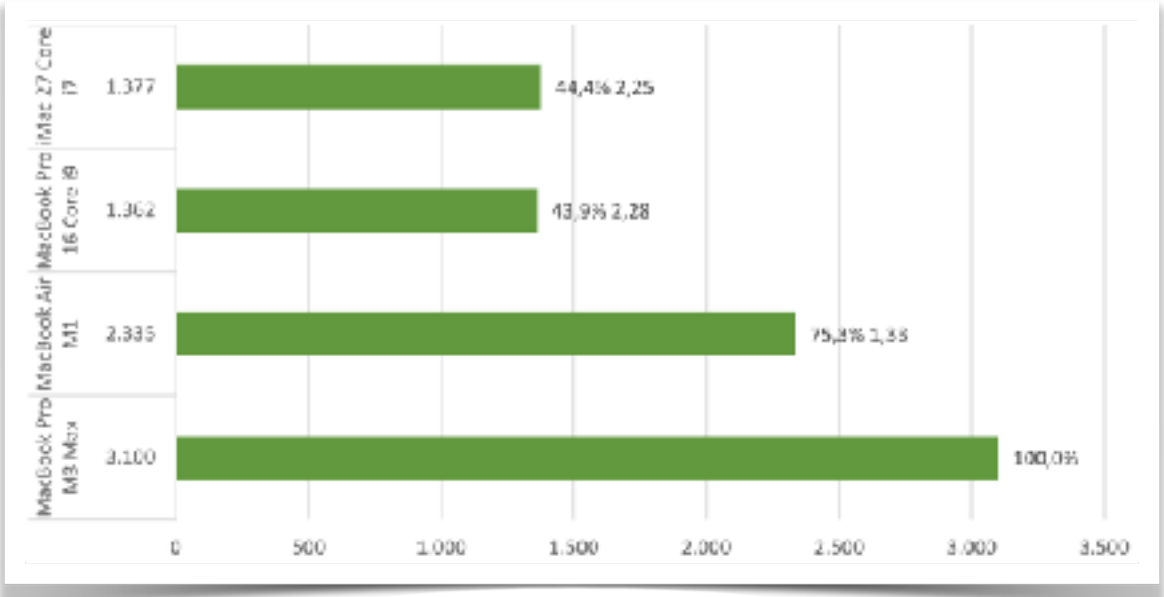
ProRes zu H.264 Compressor



Compressor

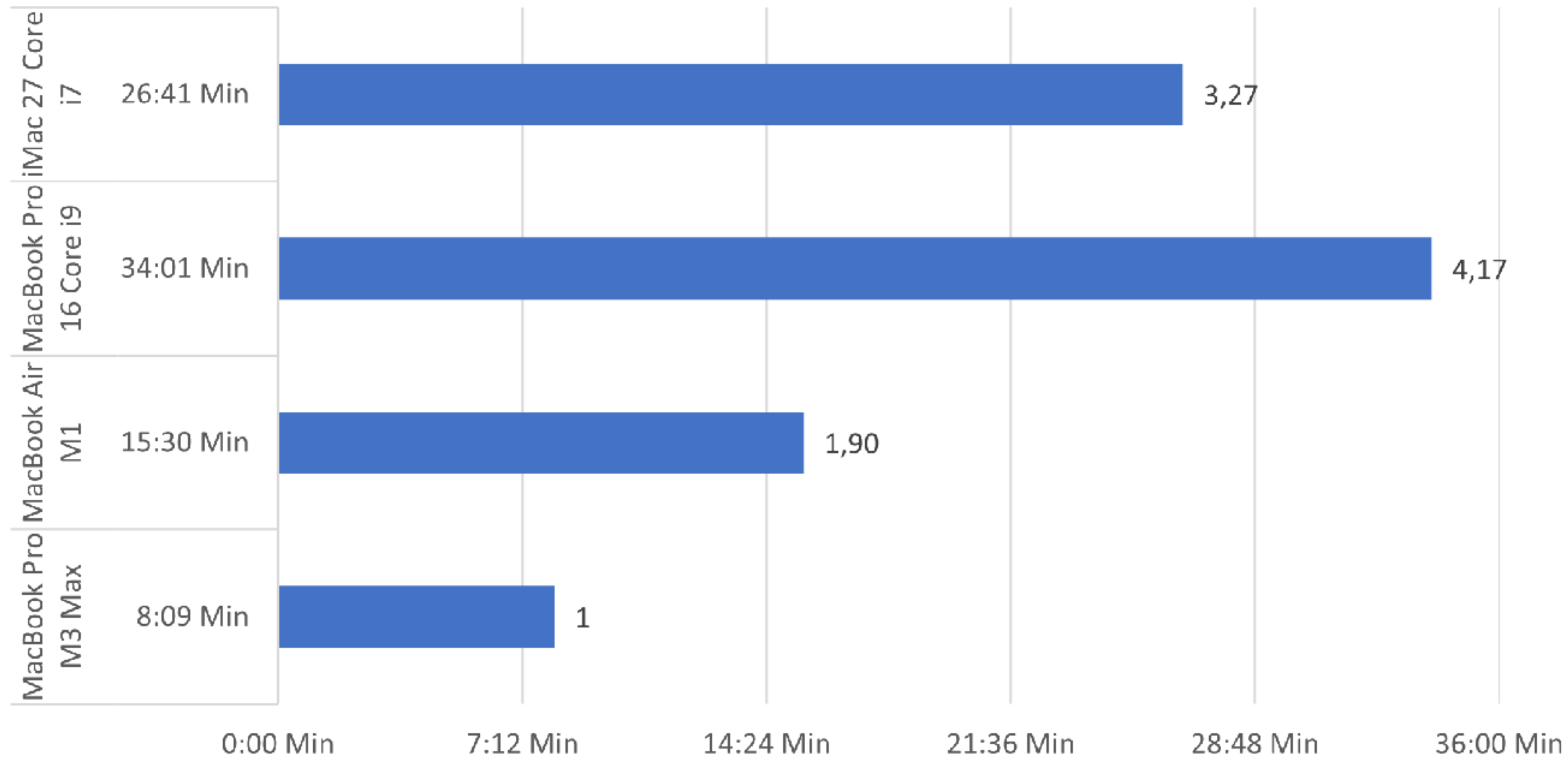
📱 Apple-Geräte HD (Höchste Qualität)
Apple-Geräte
Geschätzte Dateigröße: 4,57 GB/Stunde der Quelle
Video: H.264, Bis zu 1920 x 1080, Progressiv, Automatisch
fps, Automatisch
Audio: MPEG-4 AAC, Stereo (L R), 48,000 kHz

Geekbench Referenz

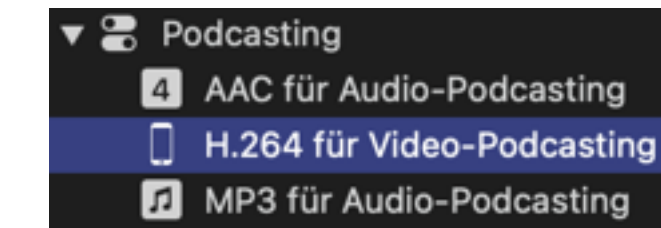


FCPX → Compressor → H.264

FCPX → Compressor → H.264. Mehrere Durchgänge, Auto
M3 Max ist Faktor X schneller



Compressor



Anpassungen:



Geekbench Referenz

