

Filecoin sealing task resource table (Sector 32 GB)

Task	Data In (GB)	Data Out (GB)	Required Storage (GB)	Duration (Min)	CPU (threads)	Min RAM (GB)	Swap (GB) NVMe	GPU
AP	0	0	4	~ 1	1	4	-	-
PC1	32	384 ~ 480	750 (Per Sector)	~ 210	1	128	256	-
GET	-	-	-	~ 30	-	-	-	-
PC2	384 ~ 480	480	750 (Per Sector)	~ 30	92% threads	128	132	Yes
Wait Seed	-	-	-	~ 90	-	-	-	-
C1	480	0.02	1	~ 0.5	0	1	-	-
C2	0.02	-	32 + 150 (Per Sector)	~ 30	92% threads	128	132	Yes
			Total Time :	~ 391.5				

- **CPU (Threads)** : If having 128 threads * 0.92 = 117 threads used
- **Swap for PC1** : if having 128 GB RAM We Need 128 GB * 2 = 256 GB Swap (NVMe storage)
- **PC1 , PC2** : 750 GB Required Storage Per Sector
- **C2 Required Storage** : 32 GB (Sector size) + 150 GB = 182 GB Per Sector
- **PC1 CPU (Threads)** : When used with the **FIL_PROOFS_USE_MULTICORE_SDR=1** environment variable, PC1 can use multiple cores (up to the number of cores sharing L3 caches)
- **Wait Seed time** : It is a static time for verifying policy sector in the network