

Hardware Requirements

DIAMANT-Film Restoration Suite V13

Recommended configuration

- Windows 10 Pro (64bit)
- HP Z-8/SuperMicro/Dell 2xIntel XEON >3 GHz 12-16 physical cores with **AVX**
It is more efficient to focus on processor speed than number of cores.
- RAM: 96 GB
- GPU: 1x Nvidia Quadro RTX A5000/RTX 5000 (but also GeForce RTX 3090/RTX 3080) with min. 8 GB RAM
- Internal RAID or SAN with ~1200-1600 MB/s read/write

Minimum requirements (up to 2K)

- Windows 10 Pro (64bit)
- Intel XEON 2.5 GHz, i5/i7/i9 with **AVX** support (CPUs from 2011 or newer). AMD Epyc and Ryzen, Threadripper Gen3 are supported as well.
- 16 GB RAM
- Nvidia Quadro M4000 or GeForce GTX960 with 4 GB RAM and compute capability **3.0** or better (Maxwell generation).
- Machine-learning AI functions require at least RTX graphic cards with 8 GB RAM or more.

Mac

- Mac OS-X 10.15 or higher (Catalina)
- Intel based CPU
- DustBuster+ & DustBuster+ LT only!
- Limited functionality due to non-availability of NVIDIA graphic cards

Sample high-end workstation (up to 8K)

- Windows 10 Pro (64bit)
- Workstation: HP Z-8/SuperMicro/Dell
2x Intel Xeon >3 GHz 8-16 physical cores
(It is more efficient to focus on processor speed than number of cores.)
- RAM: 192 GB
- GPU: 1x Nvidia Geforce RTX 3090 24GB, TITAN RTX 24GB or Quadro RTX A6000 24GB
(It is most important to have at least 24GB GPU RAM)
- Internal RAID or SAN with sufficient read/write speed
- 512 GB SSD for operating system
- 2 TB SSD for local cache disk

Note: for any individual question, please consult our support@hs-art.com before ordering your hardware!

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