

## Hardware Requirements

### DIAMANT-Film Restoration Suite V12

#### Recommended configuration (up to 6K)

- Windows 10 Pro (64bit)
- HP Z-8/HP Z-840/SuperMicro/Dell 2xIntel XEON >3 GHz 12-16 physical cores with **AVX** support or AMD Ryzen Threadripper Gen.3  
*It is more efficient to focus on processor speed than number of cores.*
- RAM: 96 GB
- GPU: 1x Nvidia Quadro RTX5000/P5000 (but also GeForce RTX2080 Ti/Titan) with min. 8 GB RAM
- Internal RAID or SAN with ~600-1200 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 Ryzen are supported as well.
- 16 GB RAM
- Nvidia Quadro K4000 or GeForce GTX660 with 2 GB RAM and compute capability **3.0** or better (Kepler generation).

#### Mac

- Only DIAMANT-film DustBuster+ runs on Mac OS-X 10.12 or higher

#### Sample high-end workstation (up to 8K)

- Windows 10 Pro (64bit)
- Workstation: HP Z-8/SuperMicro/Dell  
2x Intel Xeon/i9/AMD >3 GHz 8-16 physical cores or AMD Ryzen Threadripper Gen.3  
*(It is more efficient to focus on processor speed than number of cores.)*
- RAM: 128 GB
- GPU: 1x Nvidia Titan RTX 24GB or Quadro RTX 6000 24GB  
*(It is most important to have at least 24GB GPU RAM)*
- Internal RAID or SAN with sufficient read/write speed

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