### SYSTEM SPECIFICATIONS FOR MULTIPHOTO PROCESSING

- **Operating System:** Windows 10 Pro 64-bit
- **Processor and Speed:** Intel Core i5/i7 (Haswell or newer), AMD Ryzen 5/7, 4 processing cores or more, 2.5 GHz or more (recommended: Intel Core i7 or Xeon, 4 processing cores or more, 2.9 GHz or more)
- **Memory (RAM):**
  - Reconstruction density **normal**: 16 GB for <30 images per model, 32 GB for 30-500 images per model, 64 GB for >500 images per model
  - Reconstruction density **high**: 32 GB RAM for <30 images per model, 64 GB for >30 images per model
- **Solid State Drive (SSD):** 256 GB (recommended 1 TB or more)
- **Hard Disc Drive (HDD):** 1 TB or more
- **3D Graphics Card:** OpenCL 1.2 is mandatory. For feasible performance a dedicated GPU with 4 GB VRAM or more is highly recommended. Examples: nVidia Quadro P2000, nVidia GeForce RTX 2060, AMD Radeon Pro WX 5100, AMD Radeon RX5700 XT
  - Systems without dedicated GPU allow processing but performance may be heavily compromised.
- **USB port (3.0)**
- **Display:** 1920x1200, 32-bit colour screen
- **Software installation requires administrator privileges**

![Design volume](image1.png)

![Muck pile volume](image2.png)