

System Requirements

WM | Quartis R2024-1

For installation and operation of WM | Quartis R2024-1 the following computer hardware is required:

	Minimal: For existing PC hardware and CAD file size smaller than 50 MB.	Recommended: For optimized operation, new PC hardware and larger CAD files.
Operating system	64-Bit Windows 10 or 11 Professional ^{*)}	64-Bit Windows 10 or 11 Professional
Processor ^{**)}	Intel Dual-Core Processor	Intel Multi-Core Processor (i7 or higher)
Main memory ^{***)}	8 GB RAM	>= 32 GB RAM
Graphics card	NVIDIA Quadro or GeForce, GPU ≥ 1 GB	NVIDIA Quadro or GeForce, GPU ≥ 2 GB
Screen	>= 17" wide screen (16:9) Resolution: 1920 x 1080 (Full HD)	>= 27" wide screen (16:9) Resolution: 1920 x 1080 (Full HD)
Hard disks	>= 120 GB	>= 500 GB HDD or SSD (recommended)
Pointing device	Two-button mouse with wheel	Two-button mouse with wheel and 3D-Mouse from 3Dconnexion
Interfaces	>= 1 USB Port (for license dongle) 1 - 2 LAN network adapter (controller WPC2040 requires 1 LAN) Possibly 1 multiple interface card for communication with CMM periphery hardware. Recommended: MOXA 4-port RS-232 PCIe card	
Data backup	External device (hard disk) or network-attached storage (NAS)	

Notes

- PC hardware containing components of a lower specification than these requirements, or deviating in any other way should only be used after consultation with WENZEL.
- For the graphics card, make sure that picking on the CAD surfaces works properly. The GPU memory plays a subordinate role for the performance within WM | Quartis.
- Microsoft Windows operating system has to be up to date before installing WM | Quartis R2024-1. The current service pack and all available updates have to be installed.
- ^{*)} Microsoft support for Windows 7 ended on 14.01.2020. Since WM | Quartis R2024-1 does not work under Windows 7, an update to Windows 10 or 11 is required. For older software, such as Metrossoft CM, it is possible to use Windows 7 in a virtual machine. Instructions for setting up and using a virtual machine are available on the Internet.
- ^{**)} Point cloud processing (Module POINT CLOUD) requires the processor instruction set SSE4.2.
- ^{***)} For working with point clouds and polygon meshes, >= 64 GB RAM is recommended.