

# System Requirements

## WM | Quartis R2025-1

For installation and operation of WM | Quartis R2025-1 the following computer hardware is required:

|                             | <b>Minimal:</b><br><b>For existing PC hardware and CAD file size smaller than 50 MB.</b>  | <b>Recommended:</b><br><b>For optimized operation, new PC hardware and larger CAD files.</b> |
|-----------------------------|---|--|
| Operating system            | 64-Bit Windows 10 or 11 Professional <sup>*)</sup>  | 64-Bit Windows 10 or 11 Professional   |
| Processor <sup>**)</sup>    | Intel Dual-Core Processor   | Intel Multi-Core Processor (i7 or higher)  |
| Main memory <sup>***)</sup> | 8 GB RAM  | >= 32 GB RAM   |
| Graphics card               | NVIDIA Quadro or GeForce, GPU ≥ 1 GB  | NVIDIA Quadro or GeForce, GPU ≥ 4 GB   |
| Screen                      | >= 17" wide screen (16:9)<br>Resolution: 1920 x 1080 (Full HD)  | >= 27" wide screen (16:9)<br>Resolution: 1920 x 1080 (Full HD)                               |
| Hard disks                  | >= 500 GB HDD or SSD  | >= 1 TB SSD  |
| Pointing device             | Two-button mouse with wheel   | Two-button mouse with wheel and 3D-Mouse from 3Dconnexion                                    |
| Interfaces                  | >= 1 USB Port (for license dongle)<br>1 - 2 LAN network adapter (controller WPC2040 requires 1 LAN)<br>Possibly 1 multiple interface card for communication with CMM periphery hardware.<br>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 R2025-1. The current service pack and all available updates have to be installed.
- <sup>\*)</sup> Microsoft support for Windows 7 ended on 14.01.2020. Since WM | Quartis R2025-1 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.
- <sup>\*\*)</sup> Point cloud processing (Module POINT CLOUD) requires the processor instruction set SSE4.2.
- <sup>\*\*\*)</sup> For working with point clouds and polygon meshes, >= 64 GB RAM is recommended.