

# System Requirements

## WM | Quartis R2022-1

For installation and operation of WM | Quartis R2022-1 the following computer hardware is required:

	<b>Minimal:</b> <b>For existing PC hardware and CAD file size smaller than 50 MB.</b>	<b>Recommended:</b> <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	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 R2022-1.  
The current service pack and all available updates have to be installed.
- <sup>\*)</sup> Microsoft's support for Windows 7 ended on 14.01.2020. Installation and operation on already existing Win7 PCs is under the sole responsibility of the customer and without support by WENZEL!
- Microsoft Office 2010 usage on same PC:  
WM | Quartis R2022-1 uses the component "Microsoft Access Database Engine 2010" for accessing databases. For reliable operation, the 64-bit version of Microsoft Office 2010 or a newer version of Microsoft Office (2013, 2016, 2019 or Office 365) must be used.