

## System Requirements Metrosoft QUARTIS® R16

For the operation of Metrosoft QUARTIS R16 (64-Bit) the following computer hardware is required:

- **Recommended:** for optimized operation and for new computers
- **Minimal:** only for existing computer hardware

|                                | <b>Minimal:</b><br>→ <u>only</u> for existing computer hardware   | <b>Recommended</b><br>→ for optimized operation and new PCs    |
|--------------------------------|---|--|
| Operating system               | Microsoft Windows 7 (x64)   | Microsoft Windows 7 (x64) Professional                         |
| Processor                      | Intel processor Core  | Intel processor Core i7 or Core i5                             |
| Main memory                    | 8 GB RAM  | >= 16 GB RAM   |
| Graphics card                  | Recommended: NVIDIA GeForce Series<br>Memory: >= 256 MB   | Recommended: NVIDIA Quadro Series<br>Memory: >= 1 GB           |
| Screen                         | >= 17" wide screen (16:9)<br>Resolution: >= 1280 x 768 (WXGA)   | >= 22" wide screen (16:9)<br>Resolution: 1920 x 1080 (Full HD) |
| Hard disks                     | >= 120 GB   | >= 500 GB (HDD or SSD)   |
| Pointing device                | Wheel-Mouse   | Wheel-Mouse<br>and<br>3D-Mouse from 3Dconnexion                |
| CD/DVD drive                   | DVD drive   |  |
| Interfaces                     | >= 1 USB Port<br>1 – 2 LAN network adapter (WPC2040 controller requires 1 LAN)  |  |
| Serial multiple interface card | Recommended: MOXA 4-port RS-232 PCIe card<br>This card is available from WENZEL Metromec with drivers for all operating systems. A serial multiple interface card (RS-232) is possibly required for the communication with the machine (CNC controller, PH10, stylus changing system and so forth). Therefore a slot on the motherboard has to be free. |  |
| Data backup                    | We recommend for the data backup an external device (hard disk) or a network-attached storage (NAS).  |  |

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 Metromec.

## Supported Microsoft Windows operating systems

|                              | XP | Vista | Win 7 | Win 8 / 8.1 | Win 10 |
|------------------------------|----|-------|-------|-------------|--------|
| <b>Metrosoft QUARTIS R16</b> | ✘  | ✘     | ✔     | ✔           | ✔      |

- ✔ fully supported
- ✘ not supported and not operational



### Notes and detailed information

#### Microsoft Windows operating systems: 64-bit version with all updates required

Microsoft operating systems have to be up to date before installing Metrosoft QUARTIS R16. The current service pack and all available updates have to be installed. For Metrosoft QUARTIS R16 (64-Bit) the use of a 64-bit operating system is mandatory.

#### Windows XP (SP3): ✘ not supported and not operational

From Metrosoft QUARTIS R8 on, Windows XP will not be supported anymore. An installation under Windows XP is no longer possible from Metrosoft QUARTIS R9 on. The Windows XP 64 bit version has never been supported.

#### Windows Vista (SP2): ✘ not supported

Windows Vista is not supported anymore.

#### Windows 7 (SP1): ✔ fully supported

In order to operate Metrosoft QUARTIS R16 one of the following editions is required:

- Windows 7 Enterprise
- Windows 7 Professional
- Windows 7 Ultimate
- Windows 7 Home Premium

The "Windows – classic" theme cannot be used.

#### Windows 8 / 8.1 and Windows 10: ✔ fully supported

Parallel operation with Metrosoft CM is not possible on these operating systems, Metrosoft CM can not be used.

#### Microsoft Office 2010

Metrosoft QUARTIS (64-Bit) uses the component "Microsoft Database Engine 2010" for accessing databases. For secure operation, the 64-bit version of Microsoft Office 2010 or another version of MS Office must be used.