



Appendix E. System Requirements.

Operating Systems

- Windows 8.1/10/11 (64-bit)
- Windows Server 2016, 2019, 2022, 2025

Support for Linux, macOS, and Windows 7 is not provided.

Remote Desktops, Virtual Machines, and Server OS

Support for Windows Server is provided only when a graphics driver with hardware acceleration and OpenGL 3.3 support is installed. Windows Server and RDP sessions often use software rendering (Microsoft Basic Display Adapter), which does not support OpenGL 3.3. For MotorXP-AFM 2026 to function correctly, a physical or virtual GPU with an up-to-date driver and hardware support for OpenGL 3.3 is required. Check your OpenGL version using [GLview Pro](#) (free in the Microsoft Store) or any OpenGL Extensions Viewer.

Processors

Minimum: Any Intel or AMD x86-64 processor

Recommended: Intel Core i7+ / AMD Ryzen 7+ (4+ cores)

RAM

Minimum: 8 GB

Recommended: 16 GB or more

Disk

Minimum: SSD, 10 GB free space

Recommended: NVMe SSD, 20+ GB free space

Graphics (GPU)

- Supporting OpenGL 3.3 or higher
- Hardware acceleration support required

Lack of OpenGL 3.3 support or use of software rendering (e.g., when running over RDP without a proper graphics driver) will result in failure to display the 3D scene or application crashes.

Software Requirements

The following components are mandatory for MotorXP-AFM 2026. They may be installed automatically during setup, but pre-installing them is recommended to shorten installation time.

Component	Version	Notes
Visual C++ Redistributable	2015–2022 (x64)	Required for the application core
MATLAB Runtime	R2020b (9.9)	Required for Standalone and MATLAB-integration versions
MATLAB (for integration)	R2020b–R2025b	Required for MATLAB-integration version

The Standalone version runs independently on the MATLAB Runtime. A MATLAB license and MATLAB itself are not required.