



MERRICK
MARS® Merrick Advanced
Remote Sensing Software

MARS® v2025.0 Minimum System Requirements and Recommendations

Overview

- Merrick strongly recommends running Microsoft's Windows Update to install all available Operating System updates before installing the MARS® software. Additionally, the most current graphics driver should be installed on the workstation for optimal rendering of data. Please check for current graphics drivers on the computer manufacturer's or graphics card manufacturer's website.
- For optimal application performance, especially with very large datasets, installing as much RAM as is physically supported by the workstation is recommended.
- In a network licensing configuration, the computer running Sentinel RMS License Manager and acting as license server can be either 64-bit or 32-bit Windows 10 or later (or Server versions 2019 or later) with a 1 GHz or faster processor and at least 2 GB of RAM. The license server can be either a physical or virtual machine.

NOTE – Although MARS® may run in a non-Windows-based virtual environment (e.g., a Windows shell or emulator on a Mac), it is not officially supported in those environments.

Minimum System Requirements

- Microsoft Windows 10 (64-bit), Server 2019 (64-bit), or newer 64-bit versions of Windows. A virtual machine (VM) may be used but display rendering may be degraded depending on the graphics adapter/driver. On VMs, using a non-discrete (i.e., integrated generic) virtual display adapter will cause performance issues including program crashes.
- Microsoft .NET Framework 4.6.2 (typically present with the above operating systems, otherwise available free from Microsoft's download site)
- Microsoft Visual C++ 2015 (or newer) Redistributable (x64) - (typically present with the above operating systems, otherwise available free from Microsoft's download site)
- 2.0 GHz 64-bit (x64) Processor, 8 GB RAM, and 10 GB available hard disk space
- SXGA (1280 x 1024) or higher-resolution graphics adapter/monitor; 512 MB of graphics memory
(NOTE: nVidia graphics adapter required for complete visual results with the QC Module)
- Internet Connection (to use WMS imagery, Google Earth¹ following, and some Help File links)
- USB 2.0 (or later) port if using a legacy USB hardware key (dongle) for licensing – note that this licensing method is no longer offered for new licensing and may not function under Windows 10
- Keyboard and 2-button mouse (or an equivalent pointing device)

Recommended System Configuration

- Microsoft Windows 10 (64-bit), Server 2019, or newer 64-bit versions of Windows
- 3.0 GHz or faster 64-bit (x64) multi-core Processor; Intel Core i7 or equivalent Processor preferred with at least four discrete cores (or two hyper-threaded cores)
- 12 GB or more RAM
- Solid-State hard drive (SSD) – both the system drive and any Read/Write drives if possible
- SXGA (1280 x 1024) or higher-resolution graphics adapter/monitor; nVidia graphics adapter with at least 1 GB of graphics memory. **(NOTE: nVidia graphics adapter required for complete visual results with the QC Module)**
- Internet Connection (to use WMS imagery, Google Earth¹ following, some Help File links, and to interpret some results in the QC Module)
- USB 2.0 (or later) port if using a legacy USB hardware key (dongle) for licensing – note that this licensing method is no longer offered for new licensing and may not function under Windows 10
- Keyboard and 2-button mouse with scroll wheel (or an equivalent pointing device)

¹ -- Google Earth is copyright 2025 Google LLC. All rights reserved.

MARS® Technical Support – General Information

- Technical Support Hours: Weekdays from 9:00 AM – 5:30 PM (U.S. Mountain Time Zone)
- Toll-free Telephone: **(800) 544-1714**
- E-mail: MARSupport@merrick.com

Technical Support Contacts

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