System Requirements - Release 2021b - Linux

Operating Systems
- Ubuntu 20.04 LTS
- Ubuntu 18.04 LTS
- Debian 10
- Red Hat Enterprise Linux 8 (minimum 8.1)
- Red Hat Enterprise Linux 7 (minimum 7.6)
- SUSE Linux Enterprise Desktop 12 (minimum SP2)
- SUSE Linux Enterprise Desktop 15
- SUSE Linux Enterprise Server 12 (minimum SP2)
- SUSE Linux Enterprise Server 15

Note:
- Ubuntu 16.04 LTS is no longer supported

Processors
Minimum: Any Intel or AMD x86-64 processor
Recommended: Any Intel or AMD x86-64 processor with four logical cores and AVX2 instruction set support

Disk
Minimum: 3.6 GB of HDD space for MATLAB only, 5-8 GB for a typical installation
Recommended: An SSD is recommended
A full installation of all MathWorks products may take up to 30 GB of disk space

RAM
Minimum: 4 GB
Recommended: 8 GB
For Polyspace, 4 GB per core is recommended

Graphics
No specific graphics card is required.

Hardware accelerated graphics card supporting OpenGL 3.3 with 1 GB GPU memory is recommended.

Use of vendor-supplied proprietary drivers is strongly recommended.

GPU acceleration using Parallel Computing Toolbox requires a GPU that has a compute capability 3.0 or higher. For more information, see GPU Support by Release.

Running MATLAB and Simulink on Linux
MATLAB and Simulink have been validated on the Linux distributions listed on this page. It is likely that other distributions with Linux kernel version 3.10 or later and glibc version 2.17 or later can successfully run MATLAB and Simulink, but technical support will be limited.

MATLAB and Simulink are validated on standard installations of the distributions listed on this page. “Minimal” or “core” installations of Linux may lack the necessary software packages required to install and run MATLAB and Simulink. You can likely add required software packages to a minimal Linux installation, but technical support will be limited.

MathWorks follows the vendors’ lifecycle guidance to determine which minor versions of each distribution are validated. Refer the vendors’ websites for more information.

Products Not Available for Linux
Data Acquisition Toolbox
Model-Based Calibration Toolbox
OPC Toolbox
Simulink Desktop
Simulink Real-Time
Simulink Desktop Real-Time
Spreadsheet Link

View System Requirements for previous releases.