

Mo.net

Hardware & Software Requirements for Mo.net Model Development Studio

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Revision 1

Purpose

The purpose of this document is to describe the hardware and software requirements required for running the Mo.net Model Development Studio and other desktop components of the Mo.net Financial Modelling Platform.

Background

This document describes the suggested minimum infrastructure requirements for running the Mo.net Model Development Studio and other desktop tools provided as part of the Mo.net Financial Modelling Platform. The precise requirements for any given implementation will be somewhat dependent the type & dimensions of the models, data and results being developed, and the required performance of any operational work to be carried out in the development environment. The Mo.net platform does not require exotic infrastructure to run perfectly adequately for the majority of users.

Processor, Memory, and Operating System Requirements

Component	Requirement
Memory*	Minimum: 1 GB Recommended: 4 GB The memory requirement will largely be dependent on the volume of data being cached by an individual model during operation. Data caching is not essential for model operation but will increase performance due to reduced disk / network IO.

Component	Requirement
Processor Speed	<p>Minimum: x64 Processor: 1.4 GHz</p> <p>Recommended: 2.0 GHz or faster</p> <p>The processor clock speed will directly impact the performance of any model running within the development environment.</p>
Processor Type	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support
Cores	<p>Minimum: 2</p> <p>Recommended: 8</p>
Network Adapter	Gigabit Ethernet adapter (10/100/1000baseT PHY/MAC) for networked applications – data sourced from / written to network file shares or DBMS environments. All components of the platform (including worker nodes) also require access to the internet to connect to the licensing server at least once every 30 days.
Hard Disk Requirements	<p>The installation of Mo.net Model Development Studio requires a minimum of 75MB of available hard-disk space.</p> <p>Additional space will be required to store model code, binaries and associated assumption data. Typically, no more than 150MB will be required to store all components required to run a given model, assuming policy input data and results are held external to the Development Studio.</p>

Software Requirements

Component	Requirement
Operating System	<p>Minimum</p> <p>Windows Server 2008 R2 or later for server-based installations Windows 7.1 SP1 for workstation-based installations</p> <p>Recommended</p> <p>Windows Server 2019 or later for server-based installations Windows 10 or later for workstation-based installations</p>
.NET Framework	.Net Framework Version 4.5.2 or later.
Web Server	No requirement

Further Information

For more information regarding the infrastructure requirements of the Mo.net Financial Modelling Platform, please contact us:

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