

Component	Requirements											
Development Environment	<b>Operating System</b>											
	<table border="1"> <thead> <tr> <th style="text-align: center;">Machine Edition Product<sup>a</sup></th> <th style="text-align: center;">Windows 7<sup>b</sup></th> <th style="text-align: center;">Windows 8 and 8.1<sup>c</sup></th> <th style="text-align: center;">Windows 10<sup>e</sup></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Logic Developer - PLC View<sup>d,f</sup></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Logic Developer - PC<sup>d,f</sup></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Machine Edition Product <sup>a</sup>	Windows 7 <sup>b</sup>	Windows 8 and 8.1 <sup>c</sup>	Windows 10 <sup>e</sup>	Logic Developer - PLC View <sup>d,f</sup>				Logic Developer - PC <sup>d,f</sup>		
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	<p><b>Notes</b></p> <ol style="list-style-type: none"> <li>a. Windows regional settings must be set to English.</li> <li>b. 32-bit or 64-bit variations of the following: Windows 7 Ultimate, Windows 7 Enterprise, or Windows 7 Professional. <b>Important:</b> For cautions and limitations when using Machine Edition on Windows 7, select Machine Edition in the Product field above, and click the Release Notes tab.</li> <li>c. 32-bit or 64-bit variations of the following: Windows 8 Professional, Windows 8 Enterprise, Windows 8.1 Professional, Windows 8.1 Enterprise <b>Important:</b> Windows 8 and Windows 8.1 does not support View Runtime or Control runtime</li> <li>d. Some features of Proficy Machine Edition are not supported when running without elevated access. When using the following features, you can lower your User Account Control settings and/or set up Proficy Engineering Workstation to always "Run As Administrator": <ul style="list-style-type: none"> <li>■ View and Logic Developer PC</li> <li>■ EGD Management Tool</li> <li>■ PAC Systems Analyzer Tool</li> <li>■ Profinet DCP Tool</li> <li>■ PAC8000 I/O Configuration Tool</li> <li>■ Serial PLC Communications</li> <li>■ Creating Custom Project Templates</li> <li>■ IEC 61850 Configurator</li> </ul> </li> <li>e. Windows 10 has not been thoroughly evaluated against every area of the product; however, it is assumed that the products within Machine Edition should continue to function with the same limitations as Windows 8.1</li> <li>f. Logic Developer PC and View may be installed on Windows 8.1, but you may encounter random crashes.</li> </ol> <p><b>Processor speed and memory</b></p> <ul style="list-style-type: none"> <li>› Minimum (for small to medium-sized projects): <ul style="list-style-type: none"> <li>› Intel Core i5 with 4 GB RAM</li> <li>› AMD FX or Phenom II X6 with 4 GB RAM</li> </ul> </li> <li>› Strongly recommended for large projects, especially to see multi-threading performance gains <ul style="list-style-type: none"> <li>› Intel quad-core Core i7 with 8 GB RAM and 64-bit Windows 7</li> <li>› AMD higher FX or Phenom II X6 models with 8 GB RAM and 64-bit Windows 7</li> </ul> </li> </ul> <p><b>Extra requirements when executing multiple instances of Machine Edition</b></p> <p>See <a href="#">here</a>.</p> <p><b>Other requirements</b></p> <ul style="list-style-type: none"> <li>› Internet Explorer Version: 8.0 or newer with current updates. <b>Note:</b> Install Internet Explorer before installing Machine Edition.</li> <li>› TCP/IP Network protocol-based computer (if you use an Ethernet connection).</li> <li>› .NET Framework 4.5 Full. If the Microsoft .NET Framework is not yet installed, it is automatically included during the installation of Machine Edition and may require a reboot to complete the installation.</li> <li>› 2 GB of hard disk space. Additional space is required for your projects and temporary files.</li> </ul> <p>The Development Environment is supported on VMware Player or VMware Workstation with the following VMware requirements:</p> <table border="1"> <thead> <tr> <th></th> <th style="text-align: center;">VMware Player</th> <th style="text-align: center;">VMware Workstation</th> </tr> </thead> <tbody> <tr> <td>Minimum requirement</td> <td style="text-align: center;">2.0 or greater</td> <td style="text-align: center;">6.0 or greater</td> </tr> <tr> <td>For multiple processor cores<sup>1</sup> (required to leverage multi-threading performance gains)</td> <td style="text-align: center;">4.0 or greater</td> <td style="text-align: center;">8.0 or greater</td> </tr> </tbody> </table> <p><b>Notes</b></p> <ol style="list-style-type: none"> <li>1. After powering down the guest operating system (O/S) of a VMware virtual machine, configure the number of cores to use for that virtual machine: match or come as close as possible to the number of cores in your computer's processor. You cannot configure the number of cores for a virtual machine if its guest O/S is running or paused.</li> <li>2. The APM Motion Programmer does not function if Proficy Machine Edition is executed from within VMware.</li> </ol> <p><b>Windows PC Runtime</b></p> <ul style="list-style-type: none"> <li>› When you install only View Runtime or Control Runtime from the DVD, the Runtime executables are automatically updated from the development computer when the project is downloaded.</li> </ul>		VMware Player	VMware Workstation	Minimum requirement	2.0 or greater	6.0 or greater	For multiple processor cores <sup>1</sup> (required to leverage multi-threading performance gains)	4.0 or greater	8.0 or greater		
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- › Windows 7 Ultimate, Windows 7 Enterprise, or Windows 7 Professional

**Notes**

- The above versions of Windows 7 are supported in both 32-bit and 64-bit.
- Windows regional settings must be set to English.

**Important:** Windows 8 and 8.1 does not support View Runtime or Control Runtime

- › 233 MHz Pentium-based workstation (1.6 GHz recommended)
- › 200 MB free hard disk space
- › 128 MB RAM (1 GB recommended)

The following table describes the minimum requirements needed for the range of variables defined in your projects.

Requirements	Variables		
	< 500	500 - 10000	> 10000
CPU	233 MHz	1 GHz	2 GHz
Disk Space	200 MB	200 MB	200 MB
RAM	128 MB	512 MB	1 GB

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**QuickPanel+ Runtime** › For Logic and HMI components: QuickPanel+

**QuickPanel** › For HMI and Logic components: QuickPanel Control

**View/Control Runtime** › For HMI only: QuickPanel View

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