

ArcGIS Engine Developer Kit 9.0 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcGIS Engine Developer Kit 9.0.

- [PC-Intel Windows 2000 Professional](#)
 - [PC-Intel Windows 2000 Server](#)
 - [PC-Intel Windows 2003 Server](#)
 - [PC-Intel Windows NT 4.0](#)
 - [PC-Intel Windows XP Professional Edition, Home Edition](#)
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ArcGIS Engine Developer Kit 9.0 on PC-Intel Windows 2000 Professional

<i>Product:</i>	ArcGIS Engine Developer Kit 9.0
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows 2000 Professional
<i>Service Packs/Patches:</i>	SP 1 (optional), SP 2 (optional), SP 3 (optional), SP 4 (optional)
<i>Shipping/Release Date:</i>	May 10, 2004

Hardware Requirements

CPU Speed:

800 Mhz minimum, 1.0 GHz recommended or higher

Processor:

Pentium or Xeon Processors (i.e. Intel Workstation or Server)

Memory/RAM:

256 MB minimum, 512 MB recommended or higher

Display Properties:

24 bit color depth

Swap Space:

300 MB minimum

Disk Space:

1.02 GB NTFS

1.04 GB FAT

These disk spaces do not include the 50 MB of system drive space needed for installation.
(Typically C:\Winnt\System32)

Notes:

Internet Explorer 6.0 Requirement:

Some features of ArcGIS Engine Developer Kit 9.0 require a minimum installation of Microsoft Internet Explorer Version 6.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0, you must obtain and install it prior to installing ArcGIS Engine Developer Kit.

Additional Software and Development Requirements

- .Net Framework 1.1 is required to install the .NET feature of the ArcGIS Engine Developer Kit.
- J2SDK 1.4.2_xx is required for Java development.

ESRI supports and recommends the following integrated development environments for ArcGIS Engine Developer Kit:

- COM

Visual Basic for Applications

Visual Basic 6 sp3 or later

Visual C++ 6 sp3 or later

Visual C++ (Visual Studio .Net 2003)

- .Net

C# (Visual Studio .Net 2003 with .NET Framework 1.1)

VB.Net (Visual Studio .Net 2003 with .NET Framework 1.1)

- Java

Eclipse v 3.0 or 3.0.1

JBuilder X

NetBeans 3.6

- C++ Compilers (Windows)

Visual C++ sp3 or later

Visual C++ (VS.Net 2003)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

ArcGIS Engine Developer Kit 9.0 on PC-Intel Windows 2000 Server

<i>Product:</i>	ArcGIS Engine Developer Kit 9.0
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows 2000 Server
<i>Service Packs/Patches:</i>	SP 1 (optional), SP 2 (optional), SP 3 (optional), SP 4 (optional)
<i>Shipping/Release Date:</i>	May 10, 2004

Hardware Requirements

CPU Speed:

800 Mhz minimum, 1.0 GHz recommended or higher

Processor:

Pentium or Xeon Processors (i.e. Intel Workstation or Server)

Memory/RAM:

256 MB minimum, 512 MB recommended or higher

Display Properties:

24 bit color depth

Swap Space:

300 MB minimum

Disk Space:

1.02 GB NTFS

1.04 GB FAT

These disk spaces do not include the 50 MB of system drive space needed for installation.

(Typically C:\Winnt\System32)

Notes:

Internet Explorer 6.0 Requirement:

Some features of ArcGIS Engine Developer Kit 9.0 require a minimum installation of Microsoft Internet Explorer Version 6.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0, you must obtain and install it prior to installing ArcGIS Engine Developer Kit.

Additional Software and Development Requirements

- .Net Framework 1.1 is required to install the .NET feature of the ArcGIS Engine Developer Kit.
- J2SDK 1.4.2_xx is required for Java development.

ESRI supports and recommends the following integrated development environments for ArcGIS Engine Developer Kit:

- COM

Visual Basic for Applications

Visual Basic 6 sp3 or later

Visual C++ 6 sp3 or later

Visual C++ (Visual Studio .Net 2003)

- .Net

C# (Visual Studio .Net 2003 with .NET Framework 1.1)

VB.Net (Visual Studio .Net 2003 with .NET Framework 1.1)

- Java

Eclipse v 3.0 or 3.0.1

JBuilder X

NetBeans 3.6

- C++ Compilers (Windows)

Visual C++ sp3 or later

Visual C++ (VS.Net 2003)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

ArcGIS Engine Developer Kit 9.0 on PC-Intel Windows 2003 Server

<i>Product:</i>	ArcGIS Engine Developer Kit 9.0
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows 2003 Server
<i>Shipping/Release Date:</i>	May 10, 2004

Hardware Requirements

CPU Speed:

800 Mhz minimum, 1.0 GHz recommended or higher

Processor:

Pentium or Xeon Processors (i.e. Intel Workstation or Server)

Memory/RAM:

256 MB minimum, 512 MB recommended or higher

Display Properties:

24 bit color depth

Swap Space:

300 MB minimum

Disk Space:

1.02 GB NTFS

1.04 GB FAT

These disk spaces do not include the 50 MB of system drive space needed for installation.

(Typically C:\Winnt\System32)

Notes:**Internet Explorer 6.0 Requirement:**

Some features of ArcGIS Engine Developer Kit 9.0 require a minimum installation of Microsoft Internet Explorer Version 6.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0, you must obtain and install it prior to installing ArcGIS Engine Developer Kit.

Additional Software and Development Requirements

- .Net Framework 1.1 is required to install the .NET feature of the ArcGIS Engine Developer Kit.

- J2SDK 1.4.2_xx is required for Java development.

ESRI supports and recommends the following integrated development environments for ArcGIS Engine Developer Kit:

- COM

Visual Basic for Applications

Visual Basic 6 sp3 or later

Visual C++ 6 sp3 or later

Visual C++ (Visual Studio .Net 2003)

- .Net

C# (Visual Studio .Net 2003 with .NET Framework 1.1)

VB.Net (Visual Studio .Net 2003 with .NET Framework 1.1)

- Java

Eclipse v 3.0 or 3.0.1

JBuilder X

NetBeans 3.6

- C++ Compilers (Windows)

Visual C++ sp3 or later

Visual C++ (VS.Net 2003)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

ArcGIS Engine Developer Kit 9.0 on PC-Intel Windows NT 4.0

<i>Product:</i>	ArcGIS Engine Developer Kit 9.0
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows NT 4.0
<i>Service Packs/Patches:</i>	SP 6a
<i>Shipping/Release Date:</i>	May 10, 2004

Hardware Requirements

CPU Speed:

800 Mhz minimum, 1.0 GHz recommended or higher

Processor:

Pentium or Xeon Processors (i.e. Intel Workstation or Server)

Memory/RAM:

256 MB minimum, 512 MB recommended or higher

Display Properties:

24 bit color depth

Swap Space:

300 MB minimum

Disk Space:

1.02 GB NTFS

1.04 GB FAT

These disk spaces do not include the 50 MB of system drive space needed for installation.

(Typically C:\Winnt\System32)

Notes:

Internet Explorer 6.0 Requirement:

Some features of ArcGIS Engine Developer Kit 9.0 require a minimum installation of Microsoft Internet Explorer Version 6.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0, you must obtain and install it prior to installing ArcGIS Engine Developer Kit.

Additional Software and Development Requirements

- .Net Framework 1.1 is required to install the .NET feature of the ArcGIS Engine Developer Kit.
- J2SDK 1.4.2_xx is required for Java development.

ESRI supports and recommends the following integrated development environments for ArcGIS Engine Developer Kit:

- COM

Visual Basic for Applications

Visual Basic 6 sp3 or later

Visual C++ 6 sp3 or later

Visual C++ (Visual Studio .Net 2003)

- .Net

C# (Visual Studio .Net 2003 with .NET Framework 1.1)

VB.Net (Visual Studio .Net 2003 with .NET Framework 1.1)

- Java

Eclipse v 3.0 or 3.0.1

JBuilder X

NetBeans 3.6

- C++ Compilers (Windows)

Visual C++ sp3 or later

Visual C++ (VS.Net 2003)

Best Performance Configuration

System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

ArcGIS Engine Developer Kit 9.0 on PC-Intel Windows XP Professional Edition, Home Edition

<i>Product:</i>	ArcGIS Engine Developer Kit 9.0
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows XP Professional Edition, Home Edition
<i>Service Packs/Patches:</i>	SP 1 SP2 (refer to Limitations)
<i>Shipping/Release Date:</i>	May 10, 2004

Hardware Requirements

CPU Speed:

800 Mhz minimum, 1.0 GHz recommended or higher

Processor:

Pentium or Xeon Processors (i.e. Intel Workstation or Server)

Memory/RAM:

256 MB minimum, 512 MB recommended or higher

Display Properties:

24 bit color depth

Swap Space:

300 MB minimum

Disk Space:

1.02 GB NTFS, 1.04 GB FAT

These disk spaces do not include the 50 MB of system drive space needed for installation.

(Typically C:\Winnt\System32)

Notes:

Internet Explorer 6.0 Requirement:

Some features of ArcGIS Engine Developer Kit 9.0 require a minimum installation of Microsoft Internet Explorer Version 6.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0, you must obtain and install it prior to installing ArcGIS Engine Developer Kit.

Additional Software and Development Requirements

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VB.Net (Visual Studio .Net 2003 with .NET Framework 1.1)

- Java

Eclipse v 3.0 or 3.0.1

JBuilder X

NetBeans 3.6

- C++ Compilers (Windows)

Visual C++ sp3 or later

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Best Performance Configuration

System Design Strategies

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Limitations

Platform: ArcGIS Engine Developer Kit 9.0 on Windows XP Service Pack 2 is certified with limitations.

Refer to ESRI Knowledge Base Article [FAQ: Windows XP SP2 and ArcGIS 9.0 Products](#) for details.