

# ArcReader 9.0.1 System Requirements

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This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcReader 9.0.1.

[Linux-Intel Red Hat Enterprise Linux AS/ES/WS 3.0](#)

[Linux-Intel SUSE Linux Enterprise Server 9](#)

[Sun Solaris 9 \(SPARC\)](#)

[Sun Solaris 8 \(SPARC\)](#)

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## ArcReader 9.0.1 on Linux-Intel Red Hat Enterprise Linux AS/ES/WS 3.0

<b>Product:</b>	ArcReader 9.0.1
<b>Platform:</b>	Linux-Intel
<b>Operating System:</b>	Red Hat Enterprise Linux AS/ES/WS 3.0
<b>Service Packs/Patches:</b>	Update 2 or higher (See: <a href="#">Limitations</a> )
<b>Shipping/Release Date:</b>	January 10, 2005

## Hardware Requirements

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### CPU Speed:

800 MHz minimum, 1.0 GHz recommended or higher

### Memory/RAM:

512 MB minimum, 1 GB recommended

### Display Properties:

24 bit color depth

### Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

### Swap Space:

256 MB minimum, 512 MB recommended  
(Swap Space is minimum required for a single user.)

**Window System:**

X-Windows/Common Desktop Environment

**Disk Space:**

Typical - 558 MB, Complete - 573 MB

**Architecture:**

x86 architecture (32-bit)

**Notes:**

**Additional Requirements:**

- Red Hat Linux AS/ES/WS 3.0 Kernel version 2.4.21 or higher
- X-Windows/Common Desktop Environment
- J2SDK 1.4.2\_05 for Java development
- OpenGL XFree86-Mesa-libGL, version 4.2.0-8 (Red Hat distribution contains the XFree86 package which emulates OpenGL.)
- GNU C Library (glibc) version 2.3.2

**Video Drivers:**

- 24-bit color depth enabled
- Using hardware based graphics accelerators can improve dynamic 2D and 3D rendering performance, however all video cards may not work.

**Printer Support:**

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

## Best Performance Configuration

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**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**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](#).

## Limitations

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**Platform: Limitations for Red Hat Linux AS/ES/WS 3.0**

- not supported if the operating system (binary) has been modified
- not supported on a developer's release of the operating system
- Linux patches from RHEL AS/ES/WS will be supported as long as the patches are from Red Hat without any modification to the latest kernel/glibc version.

## ArcReader 9.0.1 on Linux-Intel SUSE Linux Enterprise Server 9

<b>Product:</b>	ArcReader 9.0.1
<b>Platform:</b>	Linux-Intel
<b>Operating System:</b>	SUSE Linux Enterprise Server 9
<b>Service Packs/Patches:</b>	(See: <a href="#">Limitations</a> )
<b>Shipping/Release Date:</b>	January 10, 2005

### Hardware Requirements

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**CPU Speed:**

800 MHz minimum, 1.0 GHz recommended or higher

**Memory/RAM:**

512 MB minimum, 1 GB recommended

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**

256 MB minimum, 512 MB recommended  
(Swap Space is minimum required for a single user.)

**Window System:**

X-Windows/Common Desktop Environment

**Disk Space:**

Typical - 558 MB, Complete - 573 MB

**Architecture:**

x86 architecture (32-bit)

**Notes:**

**<Additional Requirements:**

- SUSE 9 Kernel version 2.6.5 or higher
- X-Windows/Common Desktop Environment
- J2SDK 1.4.2\_05 for Java development
- OpenGL XFree86-Mesa version 4.3.99
- GNU C Library (glibc) version 2.3.3
- Xvfb (This is a hardware-independent Xserver, which can be installed from XFree86-Xvfb-4.3.99.902-43.22.i586.rpm, which comes with the SUSE Linux Enterprise Server 9 install CD.)

**Video Drivers:**

- 24-bit color depth enabled
- Using hardware based graphics accelerators can improve dynamic 2D and 3D rendering performance, however all video cards may not work.

**Printer Support:**

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

## **Best Performance Configuration**

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**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**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](#).

## **Limitations**

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**Platform: Limitations for SUSE Linux Enterprise Server 9**

- not supported if the operating system (binary) has been modified
- not supported on a developer's release of the operating system
- Linux patches will be supported as long as the patches are from SUSE Linux without modifications to the latest kernel/glibc version.

## ArcReader 9.0.1 on Sun Solaris 9 (SPARC)

<b>Product:</b>	ArcReader 9.0.1
<b>Platform:</b>	Sun
<b>Operating System:</b>	Solaris 9 (SPARC)
<b>Service Packs/Patches:</b>	(Details under <a href="#">Notes</a> )
<b>Shipping/Release Date:</b>	January 10, 2005

### Hardware Requirements

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#### CPU Speed:

1.0 GHz recommended or higher

#### Memory/RAM:

512 MB minimum, 1 GB recommended

#### Display Properties:

24 bit color depth

#### Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

#### Swap Space:

256 MB minimum, 512 MB recommended  
(Swap Space is minimum required for a single user.)

#### Window System:

X-Windows/Common Desktop Environment

#### Disk Space:

Typical - 606 MB Complete - 620 MB

#### Architecture:

Sun Solaris version 9 on SPARC

**Notes:****The following patches are recommended for Solaris 9 installs:**

- Solaris Maintenance Update 3
- 112785-43 X11 6.4.1: Xsun patch

**Additional Requirements:**

- X-Windows/Common Desktop Environment (CDE)
- 24-bit color depth enabled
- OpenGL version 1.2 or 1.2.1 runtime environment

**Desktop Control - Style Manager Behavior Settings:**

- Point in Window to Make Active - off
- Click in Window to Make Active - on
- Raise Window When Made Active - off
- Allow Primary Windows On Top - off
- Show Contents During Move - off

**Local User Environment Settings:**

- setenv OPENWINHOME /usr/openwin
- setenv TMP /tmp
- limit descriptors 1024 (or higher)

**Printer Support:**

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

## Best Performance Configuration

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**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**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](#).

## ArcReader 9.0.1 on Sun Solaris 8 (SPARC)

<b>Product:</b>	ArcReader 9.0.1
<b>Platform:</b>	Sun
<b>Operating System:</b>	Solaris 8 (SPARC)
<b>Service Packs/Patches:</b>	Details under <a href="#">Notes</a>
<b>Shipping/Release Date:</b>	January 10, 2005

### Hardware Requirements

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#### **CPU Speed:**

1.0 GHz recommended or higher

#### **Memory/RAM:**

512 MB minimum, 1 GB recommended

#### **Display Properties:**

24 bit color depth

#### **Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

#### **Swap Space:**

256 MB minimum, 512 MB recommended  
(Swap Space is minimum required for a single user.)

#### **Window System:**

X-Windows/Common Desktop Environment

#### **Disk Space:**

Typical - 606 MB, Complete - 620 MB

#### **Architecture:**

Sun Solaris version 8 on SPARC

## Notes:

### The following patches are recommended for Solaris 8 installs:

- 108131-17(or later) OpenGL libraries bug fixes (32-bit)
- 108434-13 Shared library patch for C++ run-time
- 108576-26 Expert3D IFB graphics patch (only for Expert3D)
- 108606-31 M64 graphics Patch (only for M64 Graphics)
- 108652-83 X11 6.4.1: Xsun patch
- 109147-21(or higher) Linker patch
- 109147-27 Correct dynamic load and unload of shared libraries

### The following patches are recommended for Forte/Developer Kit installs:

- 111678-07 Patch for Forte Developer 6 update 2, C++ F77, F95
- 111685-05 Patch for Forte Developer 6 update 2 C++ compiler
- 109607-01 /usr/include/iso/stdlib\_iso.h patch

### Additional Requirements:

- X-Windows/Common Desktop Environment (CDE)
- 24-bit color depth enabled
- OpenGL version 1.3 runtime environment
- Forte 6 (Sun Workshop 6 Update 2) for Developer Kit

### Desktop Control - Style Manager Behavior Settings:

- Point in Window to Make Active - off
- Click in Window to Make Active - on
- Raise Window When Made Active - off
- Allow Primary Windows On Top - off
- Show Contents During Move - off

### Local User Environment Settings:

- setenv OPENWINHOME /usr/openwin
- setenv TMP /tmp
- limit descriptors 1024 (or higher)

### Printer Support:

Please note that some printer drivers do not support complex maps and the ArcPress printer driver or additional hardware may be needed for these complex maps.

## Best Performance Configuration

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### Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

### 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](#).

## Limitations

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**Platform: The following patch revisions WILL NOT work with the C++ API :**

- 109147-17
- 109147-18
- 109147-19
- 109147-20