

ArcInfo 8.1 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcInfo 8.1.

- [Compaq/Digital Tru64 UNIX 5.0](#)
- [Compaq/Digital Tru64 UNIX 5.1](#)
- [HP HP-UX 11.0](#)
- [IBM AIX 4.3.3.0](#)
- [PC-Intel Windows 2000 Datacenter](#)
- [PC-Intel Windows 2000 Professional](#)
- [PC-Intel Windows NT 4.0](#)
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- [Sun Solaris 7 \(SPARC\)](#)
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ArcInfo Workstation 8.1 on Compaq/Digital Tru64 UNIX 5.0

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	Compaq/Digital
<i>Operating System:</i>	Tru64 UNIX 5.0
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

64 MB

Swap Space:

200 MB

Window System:

Motif or CDE

Disk Space:

280 MB

Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld -l' command.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 9.20.FC3
- INFORMIX Dynamic Server 9.21.FC4
- Oracle 8 (64 bit) 8.0.6.0.0
- Oracle 8i (64 bit) 8.1.5.0.0
- Oracle 8i (64 bit) 8.1.6.0.0
- Oracle 8i (64 bit) 8.1.7.0.0
- Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
- Sybase Adaptive Server 11.9.2

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.20.FC3
INFORMIX Dynamic Server 9.21.FC4
Oracle 8 (64 bit) 8.0.6.0.0
Oracle 8i (64 bit) 8.1.5.0.0
Oracle 8i (64 bit) 8.1.6.0.0
Oracle 8i (64 bit) 8.1.7.0.0
Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
Sybase Adaptive Server 11.9.2

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on Compaq/Digital Tru64 UNIX 5.1

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	Compaq/Digital
<i>Operating System:</i>	Tru64 UNIX 5.1
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

32 MB Minimum - based on a single user, recommend 64 MB

Swap Space:

200 MB

Window System:

Motif or CDE

Disk Space:

282 MB for core and extensions

Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld -l' command.

Supported Databases

For ArcStorm:

Oracle 8i (64 bit) 8.1.6.0.0

For Database Integrator (DBI):

Oracle 8i (64 bit) 8.1.6.0.0

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on HP HP-UX 11.0

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.0
<i>Service Packs/Patches:</i>	PHSS_19593, PHSS_21950, PHSS_16931
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Processor:

HP PA-RISC

Memory/RAM:

64 MB

Swap Space:

200 MB

Window System:

CDE, HP VUE

Disk Space:

241

Architecture:

700 and 8x7 Series

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Supported Databases

For ArcStorm:

INFORMIX Dynamic Server 9.20.HC1
INFORMIX Dynamic Server 9.21.HC4
INFORMIX Dynamic Server 9.30.HC1
INFORMIX Dynamic Server 9.30.HC1

Oracle 8.0.6.0.0
Oracle 8i (32 bit) 8.1.5.0.0
Oracle 8i (32 bit) 8.1.6.0.0
Oracle 8i (32 bit) 8.1.7
Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
Sybase Adaptive Server 11.9.2

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.20.HC1
INFORMIX Dynamic Server 9.21.HC4
INFORMIX Dynamic Server 9.30.HC1
INFORMIX Dynamic Server 9.30.HC1
Oracle 8.0.6.0.0
Oracle 8i (32 bit) 8.1.5.0.0
Oracle 8i (32 bit) 8.1.6.0.0
Oracle 8i (32 bit) 8.1.7
Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
Sybase Adaptive Server 11.9.2

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on IBM AIX 4.3.3.0

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 4.3.3.0
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

32 MB, based on single user

Swap Space:

256 MB

Window System:

Motif, CDE or AIX Desktop

Disk Space:

360 MB

Compiler:

C - version 3.6.6.2

C++ - version 3.6.6.2

Fortran - version 6.1.0.3

Supported Databases

For ArcStorm:

INFORMIX Dynamic Server 9.20.UC1

INFORMIX Dynamic Server 9.21.UC4

INFORMIX Dynamic Server 9.30.UC1

Oracle 8.0.6.0.0

Oracle 8i (32 bit) 8.1.5.0.0

Oracle 8i (32 bit) 8.1.6

Oracle 8i (32 bit) 8.1.6.0.0

Oracle 8i (32 bit) 8.1.7

Sybase Adaptive Server 11.9.2 / Open Client 11.1.1

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.20.UC1

INFORMIX Dynamic Server 9.21.UC4

INFORMIX Dynamic Server 9.30.UC1

Oracle 8.0.6.0.0

Oracle 8i (32 bit) 8.1.5.0.0

Oracle 8i (32 bit) 8.1.6

Oracle 8i (32 bit) 8.1.6.0.0

Oracle 8i (32 bit) 8.1.7

Sybase Adaptive Server 11.9.2 / Open Client 11.1.1

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on PC-Intel Windows 2000 Datacenter

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows 2000 Datacenter
<i>Shipping/Release Date:</i>	April 1, 2001

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on PC-Intel Windows 2000 Professional

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	PC-Intel
<i>Operating System:</i>	Windows 2000 Professional
<i>Service Packs/Patches:</i>	SP 1 (optional), SP 2 (optional)
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

CPU Speed:

450 MHz Minimum

650 MHz Recommended

Processor:

Pentium or higher

Memory/RAM:

128 MB Minimum

256 MB Recommended

Swap Space:

300 MB Minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients running off the server.

Disk Space:

ArcInfo Desktop 8.1:

540 MB NTFS

754 MB FAT

ArcInfo Workstation 8.1:

695MB NTFS

Disk Space Requirements:

Disk spaces do not include the 50MB of system drive space needed for installation. (Typically C:\Winnt\System32). The disk space requirement for each of the ArcInfo 8.1 components are provided in the Setup program.

Notes:

Internet Explorer 5.0 requirement:

Some features of ArcInfo 8.1 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 or higher previous to installing ArcInfo 8.1.

License Manager Requirements:

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

For the best performance, the following are recommended:

- True color monitor with a minimum of 16MB video card

- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory.

- Hard Disk Installation on a fast, NTFS (New Technology File System) hard drive is strongly recommended for the Desktop Application.

Supported Databases

For ArcStorm:

- Oracle 8.0.6.0.0
- Oracle 8i (32 bit) 8.1.5.0.0
- Oracle 8i (32 bit) 8.1.6.0.0
- Oracle 8i (32 bit) 8.1.7.0.0

For Database Integrator (DBI):

- INFORMIX Dynamic Server 9.21.TC4
- INFORMIX Dynamic Server 9.30.TC1

Oracle 8.0.6.0.0

Oracle 8i (32 bit) 8.1.5.0.0

Oracle 8i (32 bit) 8.1.6.0.0

Oracle 8i (32 bit) 8.1.7.0.0

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on PC-Intel Windows NT 4.0

<i>Product:</i>	ArcInfo Workstation 8.1
<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>	April 1, 2001

Hardware Requirements

CPU Speed:

450MHz Minimum. 650MHz Recommended

Processor:

Pentium or Higher

Memory/RAM:

128 MB Minimum

256 MB Recommended

Swap Space:

300 MB minimum

Utilizing Windows Terminal Server technology may require additional MB, depending on the number of clients running off the server.

Disk Space:

ArcInfo Desktop 8.1:

540MB NTFS

754MB FAT

ArcInfo Workstation 8.1:

695MB NTFS

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

Notes:

Installation on a fast NTFS (New Technology File System) hard drive is strongly recommended for the Desktop Application.

Internet Explorer 5.0 requirement:

Some features of ArcInfo 8.1 require a minimum installation of Microsoft Internet Explorer Version 5.0. The setup program offers an English installation of Microsoft Internet Explorer Version 5.5.

If you are using a non-English operating system, you must obtain and install the appropriate language version of Internet Explorer 5.0 or higher previous to installing ArcInfo 8.1.

License Manager Requirements:

Simple TCP/IP, Network Card or Microsoft Loopback Adapter.

The disk space requirement for each of the ArcInfo 8.1 components are provided in the Setup program.

For best performance:

- True color monitor with a minimum of 16MB video card
- An OpenGL graphics card is recommended to optimize performance in ArcScene. Texture mapping will be better optimized using an OpenGL graphics card with 32MB, or more, of on-board texture memory

Supported Databases

For ArcStorm:

- Oracle 8.0.6.0.0
- Oracle 8i (32 bit) 8.1.5.0.0
- Oracle 8i (32 bit) 8.1.6.0.0
- Oracle 8i (32 bit) 8.1.7.0.0

For Database Integrator (DBI):

- INFORMIX Dynamic Server 9.20.TC1
- INFORMIX Dynamic Server 9.21.TC4
- INFORMIX Dynamic Server 9.30.TC1

Oracle 8.0.6.0.0

Oracle 8i (32 bit) 8.1.5.0.0

Oracle 8i (32 bit) 8.1.6.0.0

Oracle 8i (32 bit) 8.1.7.0.0

Sybase Adaptive Server 11.5.1 / Open Client 11.1.1

Sybase Adaptive Server 11.9.2

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on SGI IRIX 6.5.6

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	SGI
<i>Operating System:</i>	IRIX 6.5.6
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

64 MB

Swap Space:

200 MB

Window System:

Motif

Disk Space:

250 MB

Supported Databases

For ArcStorm:

INFORMIX Dynamic Server 9.20.UC1

INFORMIX Dynamic Server 9.21.UC4

Oracle 8.0.6.0.0

Sybase Adaptive Server 11.5.1 / Open Client 11.1.1

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.20.UC1

INFORMIX Dynamic Server 9.21.UC4

Oracle 8.0.6.0.0

Sybase Adaptive Server 11.5.1 / Open Client 11.1.1

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on SGI IRIX 6.5.9

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	SGI
<i>Operating System:</i>	IRIX 6.5.9
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

64 MB

Swap Space:

200 MB

Window System:

Motif

Disk Space:

250 MB

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on Sun Solaris 7 (SPARC)

<i>Product:</i>	ArcInfo Workstation 8.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 7 (SPARC)
<i>Shipping/Release Date:</i>	April 1, 2001

Hardware Requirements

Memory/RAM:

32 MB

Swap Space:

100 MB

Window System:

CDE or Open Windows

Disk Space:

274 MB

Notes:

Swap Space is the minimum required for a single user.

Supported Databases

For ArcStorm:

- INFORMIX Dynamic Server 9.20.UC1
- INFORMIX Dynamic Server 9.21.UC4
- INFORMIX Dynamic Server 9.30.UC1
- Oracle 8.0.6.0.0
- Oracle 8i (32 bit) 8.1.5
- Oracle 8i (32 bit) 8.1.5.0.0
- Oracle 8i (32 bit) 8.1.6.0.0
- Oracle 8i (32 bit) 8.1.7.0.0
- Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
- Sybase Adaptive Server 11.9.2

For Database Integrator (DBI):

INFORMIX Dynamic Server 9.20.UC1
INFORMIX Dynamic Server 9.21.UC4
INFORMIX Dynamic Server 9.30.UC1
Oracle 8.0.6.0.0
Oracle 8i (32 bit) 8.1.5
Oracle 8i (32 bit) 8.1.5.0.0
Oracle 8i (32 bit) 8.1.6.0.0
Oracle 8i (32 bit) 8.1.7.0.0
Sybase Adaptive Server 11.5.1 / Open Client 11.1.1
Sybase Adaptive Server 11.9.2

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

ArcInfo Workstation 8.1 on Sun Solaris 8 (SPARC)

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Product: ArcInfo Workstation 8.1

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: April 1, 2001

Hardware Requirements

Memory/RAM:

32 MB RAM based on single user

Swap Space:

100 MB minimum

Window System:

CDE or Open Windows

Disk Space:

274 for ArcInfo and all its modules

Supported Databases

For ArcStorm:

- Oracle 8.0.6
- Oracle 8.1.5
- Oracle 8i (32 bit) 8.1.5
- Oracle 8i (64 bit) Enterprise Server 8.1.6
- Oracle 8i (64 bit) Enterprise Server 8.1.7

For Database Integrator (DBI):

Oracle 8.0.6

Oracle 8.1.5

Oracle 8i (32 bit) 8.1.5

Oracle 8i (64 bit) Enterprise Server 8.1.6

Oracle 8i (64 bit) Enterprise Server 8.1.7

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.