

# Oracle® Database

Quick Installation Guide

10g Release 1 (10.1.0.2.0) for Windows

Part No. B13669-01

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This guide describes how to quickly install Oracle Database on Windows systems. It includes information about the following:

1. [Documentation Accessibility](#)
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4. [Check Hardware Requirements](#)
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## 1 Documentation Accessibility

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## 2 Review Information About this Guide

This guide describes how to install Oracle Database using the default installation options.

### Tasks Described in this Guide

The procedures in this guide describe how to:

- Configure your system to support Oracle Database.
- Install the Oracle Database software on a local file system.
- Configure a general-purpose Oracle database that uses the local file system for database file storage.
- Install software from the Oracle Database Companion CD which improves the performance of Oracle Database on your system.

### Results of a Successful Installation

After you successfully install Oracle Database:

- The database that you created and the default Oracle Net listener process are running on the system.
- Oracle Enterprise Manager Database Control and *iSQL\*Plus* are running and can be accessed using a Web browser.
- A single-node version of the Oracle Cluster Synchronization Services (CSS) daemon is running and is configured to start automatically when your system boots.

### Tasks Not Described in this Guide

This guide does **not** describe how to complete the following tasks:

- Installing the software on a system that has an existing Oracle software installation.
- Installing Oracle Cluster Ready Services (CRS) and Oracle Real Application Clusters (RAC) on a cluster.
- Enabling Enterprise Manager e-mail notifications or automated backups.
- Using alternative storage options such as Automatic Storage Management (ASM) or raw devices for database storage.

### Where to Get Additional Installation Information

For more detailed information about installing Oracle Database components, including information about the tasks not described in this guide, see one of the following guides:

- If you are installing the software on a single system, see *Oracle Database Installation Guide for Windows*.
- If you are installing Oracle Real Application Clusters, see *Oracle Real Application Clusters Installation and Configuration Guide*.

This guide also describes how to install Oracle Cluster Ready Services, which is a prerequisite for RAC installations.

Both of these guides are available on the installation media. To access them, use a Web browser to open the `welcome.htm` file, either in the top-level directory on the Oracle Database CD-ROM or in the `db` directory on the DVD-ROM, then select the **Documentation** tab.

For more information about installing Oracle Database Companion CD components, see one of the following guides:

- *Oracle Database Companion CD Installation Guide*
- *Oracle Database Companion CD Quick Installation Guide*

These guides are available on the Oracle Database Companion CD installation media.

### 3 Log In to the System with Administrator Privileges

Log on as a member of the Administrators group to the computer on which to install Oracle components. Log on as a member of the Domain Administrators group if you are installing on a Primary Domain Controller (PDC) or a Backup Domain Controller (BDC).

### 4 Check Hardware Requirements

[Table 1](#) lists the minimum hardware requirements:

**Table 1 Hardware Requirements**

Requirement	Minimum Value
Physical memory (RAM)	256 MB minimum, 512 MB recommended
Virtual memory	Double the amount of RAM
Temp disk space	100 MB
Hard disk space	1.5 GB
Video adapter	256 colors
Processor	200 MHz minimum

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. For a computer using Windows 2000, for example, open **System** in the control panel and select the **General** tab. If the size of the physical RAM installed in the system is less than the required size, then you must install more memory before continuing.
2. Determine the size of the configured swap space (also known as paging file size). For a computer using Windows 2000, for example, open **System** in the control panel, select the **Advanced** tab, and click **Performance Options**.

If necessary, see your operating system documentation for information about how to configure additional swap space.

3. Determine the amount of disk space available in the `temp` directory. This is equivalent to the total amount of free disk space, minus what will be needed for the Oracle software to be installed.

If there is less than 100 MB of disk space available in the `temp` directory, then first delete all unnecessary files. If the temp disk space is still less than 100 MB, then set the `TEMP` or `TMP` environment variable to point to a different hard drive. For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Environment Variables**.

4. Determine the amount of free disk space on the system. For a computer using Windows 2000, for example, open **My Computer**, right-click the drive where the Oracle software is to be installed, and choose **Properties**.

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**Note:** While installing the Oracle database on a disk drive separate from the software does provide a performance improvement, for best performance, the Oracle database files should be distributed across three or more disks. The *Oracle Database Installation Guide for Windows* describes this more complex and time-consuming type of installation. However, this type of installation is recommended only for experienced users.

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## 5 Check the Software Requirements

Table 2 lists the software requirements for Oracle Database:

**Table 2 Software Requirements**

Requirement	Value
System Architecture	32-bit  <b>Note:</b> Oracle provides both 32-bit and 64-bit versions of Oracle Database for Windows. Currently, the 32-bit version of the database must run on the 32-bit version of the operating system. The 64-bit version of the database must run on the 64-bit version of the operating system.
Operating System	Oracle Database for Windows is supported on the following operating systems: <ul style="list-style-type: none"> <li>▪ Windows NT Server 4.0, Windows NT Server Enterprise Edition 4.0, and Terminal Server Edition with service pack 6a or higher are supported. Windows NT Workstation is no longer supported.</li> <li>▪ Windows 2000 with service pack 1 or higher. All editions, including Terminal Services and Windows 2000 MultiLanguage Edition (MLE), are supported.</li> <li>▪ Windows Server 2003</li> <li>▪ Windows XP Professional</li> </ul> Windows Multilingual User Interface Pack is supported on Windows XP Professional and Windows Server 2003.

**Table 2 (Cont.) Software Requirements**

Requirement	Value
Compiler	<p>Oracle C++ Call Interface supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>Oracle Call Interface supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>External callouts support the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>PL/SQL native compilation supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>Pro*COBOL supports the Micro Focus Net Express compiler. Object Oriented COBOL (OOCOBOL) specifications are not supported.</p> <p>XDK supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p>
Network Protocol	<p>The Oracle Net foundation layer uses Oracle protocol support to communicate with the following industry-standard network protocols:</p> <ul style="list-style-type: none"><li>■ TCP/IP</li><li>■ TCP/IP with SSL</li><li>■ Named Pipes</li></ul>

## 6 Install the Oracle Database Software

Start Oracle Universal Installer and install Oracle software, as follows:

1. Insert the CD-ROM labeled Oracle Database 10g Release 1 (10.1) Disk 1 of 1 or navigate to the Oracle Database location on the Oracle Database 10g Release 1 (10.1) DVD-ROM.

When installing from a hard disk, double-click `setup.exe`.

When installing from the installation media, the Autorun screen automatically appears. If the Autorun screen does not appear, then:

- a. Click **Start > Run**.
- b. Enter the following:

```
DRIVE_LETTER:\autorun\autorun.exe
```

The Autorun screen appears. Click **Install/Deinstall Products** from the Autorun screen. The Welcome screen appears.

2. Use the following guidelines to complete the installation:
  - [Table 3](#) describes the recommended action for each Oracle Universal Installer screen.
  - If you need more assistance, or if you want to choose an option that is not a default, click **Help** for additional information.

- If you encounter errors while installing or linking the software, see the *Oracle Database Installation Guide for Windows* for information about troubleshooting.

**Table 3 Oracle Universal Installer Screens**

Screen	Recommended Action
Welcome	<p>Select <b>Basic Installation</b> or <b>Advanced Installation</b>.</p> <p>Select <b>Basic Installation</b> installation method if you want to quickly install Oracle Database. This installation method requires minimal user input and you will not see many of the screens listed in this table. It installs the software and optionally creates a general-purpose database using the information that you specify on this screen.</p> <p>Click <b>Next</b>.</p>
Specify File Locations	<p>In the <b>Destination</b> section, accept the default values or enter the Oracle home name and directory path in which to install Oracle components.</p> <p>Click <b>Next</b>.</p>
Select Installation Type	<p>Select <b>Enterprise Edition, Standard Edition, Personal Edition, or Custom</b>.</p> <p>Click <b>Next</b>.</p>
Select Database Configuration	<p>Select the database configuration that best meets your needs. See the online help provided by either Oracle Universal Installer or Database Configuration Assistant for a description of these preconfigured database types.</p> <p>Click <b>Next</b>.</p>
Specify Database Configuration Options	<p>Specify the following information, then click <b>Next</b>:</p> <p><b>Global Database Name</b></p> <p>Specify a name for the database, followed by the domain name of the system:</p> <p><i>sales.your_domain.com</i></p> <p>The value that you specify, up to the first period, is also used for the <b>SID</b> value.</p> <p><b>Select Database Character Set</b></p> <p>Accept the default value, which is based on your system locale, or if you need to support more than one language, click <b>Help</b> for more information about the supported character sets.</p> <p><b>Create database with example schemas</b></p> <p>Choose this option to create the <code>EXAMPLE</code> tablespace that contains the Sample Schemas (optional, but recommended).</p>
Select Database Management Option	<p>Accept the default values, then click <b>Next</b>.</p> <p><b>Note:</b> You can enable e-mail notifications after you have installed the software.</p>
Specify Database File Storage Option	<p>Select the <b>File System</b> option and specify the database file location, then click <b>Next</b>.</p> <p><b>Specify database file location:</b></p> <p>Accept the default location or specify a new file location.</p>

**Table 3 (Cont.) Oracle Universal Installer Screens**

Screen	Recommended Action
Specify Backup and Recovery Options	Accept the default values, then click <b>Next</b> . <b>Note:</b> You can enable automated backups after you have installed the software.
Specify Database Schema Passwords	Enter and confirm passwords for all of the privileged database accounts, then click <b>Next</b> . <b>Note:</b> Oracle recommends that you specify a different password for each account. You must remember the passwords that you specify.
Summary	Review the information displayed, then click <b>Install</b> .
Install	The Install screen displays status information while the product is being installed.
Configuration Assistants	The Configuration Assistants screen displays status information for the configuration assistants that configure the software and create a database. After Database Configuration Assistant finishes, review the information on the screen. Make a note of the following information: <ul style="list-style-type: none"><li>Enterprise Manager URL</li><li>Database creation logfiles location</li><li>Global Database Name</li><li>System Identifier (SID)</li><li>Server parameter filename and location</li></ul> Click <b>OK</b> to continue or click <b>Password Management</b> to unlock accounts and set passwords.
End of Installation	The configuration assistants configure several Web-based applications, including Oracle Enterprise Manager Database Control. This screen displays the URLs configured for these applications. Make a note of the URLs used. The port numbers used in these URLs are also recorded in the following file: <code>ORACLE_BASE\ORACLE_HOME\install\portlist.ini</code> To exit from Oracle Universal Installer, click <b>Exit</b> , then click <b>Yes</b> . Oracle Enterprise Manager Database Control displays in a Web browser.

## 7 Install Products from the Oracle Database Companion CD

The Oracle Database Companion CD contains products that improve the performance of or complement Oracle Database. For most installations, Oracle recommends that you install Oracle Database 10g Products from the Companion CD.

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**Note:** If you intend to use Oracle JVM or Oracle *interMedia*, you *must* install the Oracle Database 10g Products installation type from the Companion CD. This installation optimizes the performance of those products on your system.

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## Products Included on the Companion CD

The Companion CD includes two sets of products:

- **Oracle Database 10g Products**

Includes Oracle Database Examples, natively compiled Java libraries for Oracle JVM and Oracle *interMedia*, Oracle Text supplied knowledge bases, and Legato Single Server Version (LSSV).

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**Note:** You must install these products into the same Oracle home directory as Oracle Database 10g release 1 (10.1).

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- **Oracle Database 10g Companion Products**

Includes Oracle HTTP Server and Oracle HTML DB.

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**Note:** You must install Oracle HTTP Server into its own Oracle home directory. You must install Oracle HTML DB either with Oracle HTTP Server, or into an Oracle home directory that contains Oracle HTTP Server.

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The following subsection describes how to install Oracle Database 10g Products. For more information about the products on the Companion CD, and for more detailed information about installing them, see the *Oracle Database Companion CD Installation Guide for Windows* which is located on the Companion CD.

### Installing Oracle Database 10g Products

To install Oracle Database 10g Products, follow these steps:

1. Insert the CD labeled Oracle Database Companion CD 10g Release 1 (10.1) Disk 1 of 1 in the disk drive.

When installing from a hard disk, double-click `setup.exe`.

When installing from the Oracle Database Companion CD, the Autorun screen automatically appears. If the Autorun screen does not appear, then:

- a. Click **Start > Run**.
- b. Enter the following:

```
DRIVE_LETTER:\autorun\autorun.exe
```

The Autorun screen appears. Click **Install/Deinstall Products** from the Autorun screen.

2. Use the following guidelines to complete the installation:
  - On the Specify File Locations screen, select the Oracle home name and path for the Oracle Database installation where you want to install the components.
  - On the Select a Product to Install Screen, select **Oracle Database 10g Products**.

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**Note:** For more information about any of Oracle Universal Installer screens, click **Help**.

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Screen	Recommended Action
Welcome	Click <b>Next</b> .
Specify File Locations	In the <b>Destination</b> section, select the <b>Name</b> or <b>Path</b> value that specifies the Oracle home directory where you installed Oracle Database 10g, then click <b>Next</b> .  The default Oracle home path is similar to the following:  c:\oracle\product\10.1.0\db_1
Select a Product to Install	Select <b>Oracle Database 10g Products</b> , then click <b>Next</b> .
Summary	Review the information displayed, then click <b>Install</b> .
Install	The Install screen displays status information while the product is being installed.
End of Installation	To exit from Oracle Universal Installer, click <b>Exit</b> , then click <b>Yes</b> .

## 8 What to Do Next

To become familiar with this release of Oracle Database, Oracle suggests that you complete the following tasks:

- Log in to Oracle Enterprise Manager Database Control using a Web browser.  
Oracle Enterprise Manager Database Control is a Web-based application that you can use to manage a single Oracle database. The default URL for Database Control is:

`http://host.domain:port/em/`

To log in, use the user name SYSMAN. Use the password that you specified for this user during the Oracle Database installation.

- See Chapter 4 of *Oracle Database Installation Guide for Windows* for information about required and optional postinstallation tasks, depending on the components that you want to use.
- Review Chapter 5 of *Oracle Database Installation Guide for Windows* for information about how to use Database Control to learn about the configuration of your installed database.
- Read the *Oracle Database 2 Day DBA* guide, to learn more about using Oracle Enterprise Manager Database Control to administer a database.

This guide, designed for new Oracle DBAs, describes how to use Oracle Enterprise Manager Database Control to manage all aspects of an Oracle database installation. It also provides information about how to enable e-mail notifications and automated backups, which you might not have configured during the installation.

## 9 Additional Information

This section contains information about the following:

- [Product Licenses](#)
- [Purchasing Licenses, Version Updates, and Documentation](#)
- [Contacting Oracle Support Services](#)
- [Locating Product Documentation](#)

### **Product Licenses**

You are welcome to install and evaluate the products included in this media pack for 30 days under the terms of the Trial License Agreement. However, you must purchase a program license if you want to continue using any product after the 30 day evaluation period. See the following section for information about purchasing program licenses.

**See Also:** *Oracle Database Licensing Information*

### **Purchasing Licenses, Version Updates, and Documentation**

You can purchase program licenses, updated versions of Oracle products, and printed versions of Oracle documentation from the Oracle Store Web site:

<http://oraclestore.oracle.com/>

### **Contacting Oracle Support Services**

If you have purchased Oracle Product Support, you can call Oracle Support Services for assistance 24 hours a day, seven days a week. For information about purchasing Oracle Product Support or contacting Oracle Support Services, go to the Oracle Support Services Web site:

<http://www.oracle.com/support/>

### **Locating Product Documentation**

Documentation for Oracle products is available in both HTML and Adobe portable document format (PDF) formats from several locations:

- On disks in the media pack:
  - Platform-specific documentation is available on the installation media. To access the documentation, see the `index.htm` file located in the top-level directory of the CD-ROM or DVD-ROM.
  - Generic product documentation is available on the Oracle Documentation Library CD-ROM and on the DVD-ROM.

- From the Oracle Technology Network Web site:

<http://otn.oracle.com/documentation/>

To view PDF documents, download the free Adobe Acrobat Reader from the Adobe Web site, if necessary:

<http://www.adobe.com/>