



Delphi 12

Delphi® is the world's most advanced IDE for rapidly developing single-source multi-platform native applications using advanced visual design tools and features

- ✓ Single source code, any platform
- ✓ Design on high-DPI 4k+ screens
- ✓ Target Windows 11, iOS 17, Linux, macOS 14 Sonoma, Android 14
- ✓ View VCL Styles in design time
- ✓ Compile for Android API 33
- ✓ New & modernized VCL components
- ✓ Compile Delphi apps for macOS M-series (Apple Silicon) processors
- ✓ Use enhanced remote desktop support to collaborate remotely



Benefits

BUILD APPS THE SMART WAY

Delphi® is the world's most advanced IDE for rapid development with powerful features and visual design tools. Create high-performance native applications for billions of users on Windows, macOS, iOS, Android, and Linux. Benefit from best-in-class Windows platform integration to build visually and technologically impressive apps ready for Windows 11.

EASY TO LEARN

Delphi is an object oriented programming language integrated with a visual development IDE that is easy to learn and easy to extend, whether it's your first "Hello World!" mobile app or your 100th enterprise-wide solution. An extensive collection of included and third-party components makes it easy to add new functionality to your apps with minimal effort.

EASILY DEPLOY ACROSS ALL MAJOR PLATFORMS

Compile natively and deploy to iOS, macOS, Android, Windows, and Linux from a single codebase, which makes programming and maintenance effortless for you while your users still have the advantages of a high-performance native app experience.

STREAMLINE DEVELOPMENT CYCLES

Delphi improves developer productivity every step of the way. Quickly prototype and design UIs, use Code Insight™ for code completion based on your code and used libraries, import pre-built components to expedite development, and use refactoring to improve your code. Whether you're a junior developer or an expert, you'll find these features indispensable in improving productivity and meeting release dates.

QUICKLY DEBUG ACROSS TARGETED PLATFORMS

Eliminate bugs before QA files a ticket with integrated cross-platform native debugging. Using the Delphi IDE, you can debug applications running remotely on Windows, macOS, iOS, Android, and Linux! Use breakpoints, stack exploration, tool tips and expression evaluation on local and remote devices with live debugging, then recompile and deploy from the IDE to debug again.

WRITE YOUR BEST CODE TODAY

Delphi improves your code quality: powerful cross-platform libraries containing well-tested and highly optimized code, turning code documentation into immediate in-line help for your team, unit testing with DUnit and DUnitX, and code metrics. Integrate with version control systems including Git, Subversion and Mercurial. With all of these resources at your command, you can focus on creating elegant, sustainable code solutions.

RAPIDLY BUILD RESPONSIVE UIs

Rapidly create visually stunning responsive UIs for desktops and mobile devices using Delphi's visual designer. Our award-winning Visual Component Library (VCL) enables high-DPI Windows styling, while our FireMonkey (FMX) framework simplifies responsive multi-device UI design. Delphi delivers a platform-specific experience while reducing design time with hundreds of prebuilt components, prototyping tools, Live On-Device Preview, and easy to customize layouts.

POWERFUL, ROBUST AND DEPENDABLE

Enterprises and independent developers turn to Delphi when they need to rapidly create applications that are robust, low maintenance and run in unpredictable environments. From the original Skype Windows client to powering the light show at Niagara Falls, Delphi applications deliver fast results that keep working and are low cost to maintain.

Key Features

STUNNING WINDOWS USER INTERFACES

Developers report up to 5 times faster development using Delphi's Visual Component Library (VCL) compared to other UI frameworks. With direct support for the traditional Windows API, Windows COM components, and the modern WinRT API, the VCL has excellent integration with the underlying operating system. VCL offers an easy to understand high-DPI aware visual abstraction layer, which enables developers to turn their imagined interfaces into reality.

RESPONSIVE MULTI-DEVICE DESIGN

Other development teams recreate their software UI for each platform using a different language and a different IDE. Delphi's FireMonkey framework lets you write your responsive UI once, in one language, directly connected to your code, preview your changes live on devices, and quickly make platform- or device-specific changes.

GETIT PACKAGE MANAGER

Increase the functionality of your applications by downloading and integrating new components and pre-built layouts, without leaving the IDE. Projects can list libraries as dependencies, ensuring they are automatically installed and available when you open a project on a new machine.

EASILY PUBLISH TO APP STORES

Rapidly produce application bundles that work on Microsoft Store using MSIX packaging, as well as on Apple Store and Google Play.



System Requirements

- 2 GB RAM (8 GB RAM recommended)
- 6-60 GB of available disk space depending on edition and configuration, including space required for temporary files
- DirectX 11 capable video card
- Intel Pentium or compatible, 1.8 GHz dual-core minimum (2GHz+ quad-core recommended)
- 1440x900 or higher resolution
- Mouse or other pointing device
- .NET Framework 4.5 or later
- Microsoft Windows 10 or Windows 11 (64-bit)

BOOST PRODUCTIVITY WITH FIREDAC

Develop multi-device database applications. With its powerful common architecture, FireDAC enables native high-speed direct access from Delphi to InterBase, SQLite, MySQL, SQL Server, Oracle, PostgreSQL, IBM DB2, SQL Anywhere, Access, Firebird, Informix, MongoDB and more. Extend FireDAC's capabilities and connect to more than 80 enterprise software systems as easily as connecting to a database.

INSTANTLY CREATE SERVICES-BASED SOFTWARE

Delphi enables developers to quickly build new application back-ends or migrate existing client/server business logic to a modern REST services-based architecture that is open, stateless, secure and scalable. Utilize features like enterprise-level permissions, built-in data store, and easy Swagger API compatible documentation. Enterprise and Architect Editions include RAD Server deployment licenses.

HUNDREDS OF PREBUILT COMPONENTS

Delphi offers an extensive collection of user interface controls and non-visual components augmented by a vast set of third-party libraries. There are several sophisticated grids, reporting engines, graphics rendering libraries, and more. Delphi's components can do anything: business graphs, enterprise data access via Cloud communications, and more.

SECURE EMBEDDABLE DATABASE

Create lightweight, embedded database apps using the included InterBase ToGo 2020 or IBLite 2020 license. From mobile apps to enterprise software, InterBase is scalable, fast, easy to maintain and supports encryption.

INCLUDES FIRST YEAR OF UPDATE SUBSCRIPTION

Delphi licenses are perpetual, but Update Subscription ensures you have access to the latest features in every new release as long as your subscription is active.

Target Platforms

Windows PCs and tablets running Windows 11, Windows 10, Windows 7 (SP1+), Windows Server 2022, 2019 and 2016. For 64-bit Windows apps: PC running a 64-bit version of Windows or Windows Server 2022 or 2019.

iOS and iOS Simulator All requirements for macOS support plus a recent version of Xcode 15. An Apple Developer account is required to deploy iOS apps to physical devices, an iPhone or iPad running iOS 17, iOS 16, iOS 15 or iOS 14. iOS Simulator support requires a M-series (Apple Silicon) Mac.

macOS PC Running Windows connected with an Intel-based or ARM-based Mac running macOS 14 Sonoma, 13 Ventura, 12 Monterey, 11 Big Sur, 10.15 Catalina. An ARM-based Mac is required for debugging ARM applications.

Android An Android device that runs on AArch64 processors or ARMv7 processors with NEON support and running Android versions 14, 13, 12, 11, 10, 9 and 8.1.

Linux A computer with Ubuntu 22, Ubuntu 20.04 LTS and 18.04 LTS, RedHat Enterprise Linux v8, WSL2 (Windows Subsystem for Linux).