



# C++Builder

C++Builder® is the fastest way to build data-rich, visually engaging, cross-platform applications for Windows, Mac, Mobile, IoT and more using Modern C++.

C++Builder is the complete and integrated app development platform to empower developers through the design, code, compile, test and deploy phases of the product life cycle. With a single codebase that recompiles natively for each target platform, you can focus on making great apps, not on writing and maintaining multiple codebases.

## Benefits

### DESIGN BEAUTIFUL, INTUITIVE UIs

Quickly advance from concept to prototype to the envisioned app UI with C++Builder's visual design tools: prototyping stencils, our award-winning Visual Component Library and the FireMonkey (FMX) framework. VCL enables modern Windows styling, and FMX simplifies multi-device UI design. C++Builder delivers platform-specific experiences for your customers while improving developer productivity with hundreds of prebuilt components, Live On-Device Preview, and easy to customize layouts.

### STREAMLINE DEVELOPMENT CYCLES

In a Continuous Integration/Continuous Delivery world, developers depend on tools that reduce software development cycles and increase productivity. Code tooling powered by cquery gives fast and correct code completion, as well as showing errors inline in the editor before you compile. Enhanced macro and copy and paste features speed up repetitive tasks. Bookmarks and automatic (or custom named) collapsible regions speed up code navigation when working on large blocks of code. Whether you're a junior developer or an expert, C++Builder gives you insight to meet release dates with less effort.

### EASILY DEPLOY ACROSS ALL MAJOR PLATFORMS

Compile natively using enhanced Clang compilers and deploy to iOS, Android, and Windows, as well as macOS with our classic compiler. Programming a single codebase makes cross-platform development easier to maintain.

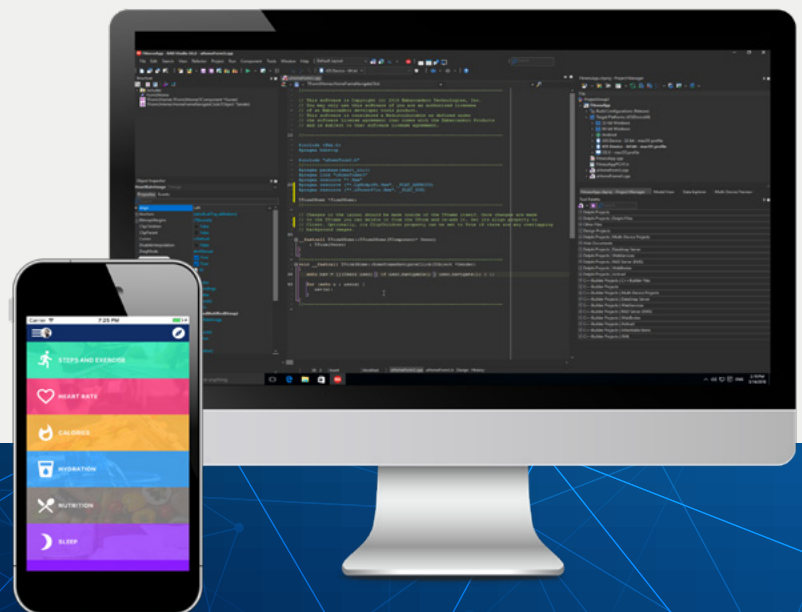
### SET HIGHER STANDARDS FOR CODE

There are tons of C++Builder advantages to improve code quality: powerful cross-platform libraries containing well-tested and highly optimized code, turning code documentation into immediate in-line help for your team, code metrics, and predefined patterns. With all of these resources at your command, you can focus on creating elegant sustainable code solutions.

### QUICKLY DEBUG APPLICATIONS

Get to the bottom of bugs faster with Integrated cross platform native debugging. Using the C++Builder IDE you can debug applications running remotely on Windows, macOS, iOS and Android! Use breakpoints, stack exploration, tool tips and expression evaluation on local and remote machines with live debugging across all deployment platforms.

Try it FREE for 30 days!



## Key Features

**HUNDREDS OF PREBUILT COMPONENTS** Easily customize our pre-built tested and professionally supported UI components for your application.

**VISUAL COMPONENT LIBRARY (VCL)** VCL developers have reported up to 5 times faster development using the VCL framework to compared to other UI creation methods. VCL accomplishes this by offering easy and powerful components wrapping real native Windows controls which enables developers to turn their imagined user interfaces into reality without spending hours learning every Windows API.

**CUSTOMIZABLE IDE THEMES** Code in comfort with customizable light and dark themes.

**FIREMONKEY FRAMEWORK (FMX)** The fast and vectorized cross-platform UI framework that allows you to design once, then customize native layouts with a subclass per platform.

**READY-TO-USE IoT COMPONENTS** Connect wearables, health sensors, home automation, and more with 50+ prebuilt and tested IoT components.

**GETIT PACKAGE MANAGER** Increase the functionality of your applications by downloading and integrating new components, without leaving the IDE.

**FIREDAC** Develop multi-device database applications: with its powerful common architecture, FireDAC enables native high-speed direct access from C++Builder to InterBase, SQLite, MySQL, SQL Server, Oracle, PostgreSQL, IBM DB2, SQL Anywhere, Access, Firebird, Informix and more.

**CREATE SERVICES-BASED SOFTWARE** RAD Server enables developers to quickly build new application back-ends or migrate existing C++ client/server business logic to a modern services-based architecture that is open, stateless, secure and scalable. Enterprise and Architect editions include RAD Server deployment licenses.

**EMBEDDABLE DATABASE** Create lightweight, embedded database apps using the included InterBase ToGo 2017 or IBLite 2017 licenses.

**PUBLISH TO APP STORES** Rapidly produce application bundles that work on Windows 10 Desktop Bridge, iOS, and Android app stores.

**FIRST YEAR UPDATE SUBSCRIPTION** C++Builder licenses are perpetual, but Update Subscription ensures you have every new release as long as your subscription is active.

## System Requirements

- 2 GB RAM
- 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, 1.6 GHz minimum (2GHz+ recommended)
- 1024x768 or higher resolution
- Mouse or other pointing device
- Microsoft Windows 10 (32-bit and 64-bit) or Microsoft Windows 8.1 or 8.1 (32-bit and 64-bit) or Microsoft Windows 7 SP1 (32-bit and 64-bit)

## Target Platforms

**For developing Windows applications** PCs and tablets with Intel/AMD processors running Windows 7 SP1, 8.1, 10, Server 2012/2016. For 64-bit Windows apps: PC running a 64-bit version of Windows or a 32-bit development PC connected with a PC running a 64-bit version of Windows.

**For developing macOS applications** PC Running Windows connected with an Intel-based Mac or a Mac running Windows in a VM, with 2GB RAM or more, running macOS 10.12, 10.13, or 10.14.

**For developing iOS applications** All requirements for OS X support plus Xcode 8 or higher. An Apple Developer account is required to deploy iOS apps to physical devices. Supported Devices: iPhone, iPad, or iPod Touch running iOS 10-12.

**For developing Android Applications** An Android device that runs on an ARMv7 processor with NEON support. A 64-bit version of Windows for development. Android phones and tablets running Lollipop, Marshmallow, Nougat, Oreo and Pie.



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