



The C# Barcode Library

- # Generate Barcodes in C# & VB .NET Applications
- # Read Barcodes from Scanned Images
- # Supports .NET 10, 9, 8, 7, Core, Standard, Framework

 PM > Install-Package BarCode

ironsoftware.com/csharp/barcode

Barcode Quickstart

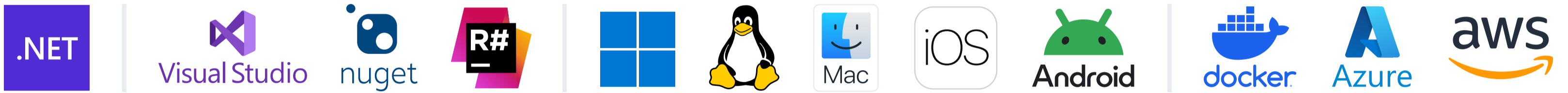
```
1. using IronBarcode;
2.
3.
4. /*****      WRITE      *****/
5.
6. // Create A Barcode in 1 Line of Code
7. BarcodeWriter.CreateBarcode("https://ironsoftware.com/csharp/barcode",
8. BarcodeWriterEncoding.QRCode).SaveAsJpeg("QuickStart.jpg");
9.
10. /*****      READ      *****/
11.
12. // Read A Barcode in 1 Line of Code. Gets Text, Numeric Codes, Binary Data and
13. an Image of the barcode
14. BarcodeResult Result = BarcodeReader.QuicklyReadOneBarcode("QuickStart.jpg");
15.
16. // Assert that IronBarcode Works :-))
17. if (Result!=null && Result.Text == "https://ironsoftware.com/csharp/barcode")
```



When you need to read, write, and style Barcodes, fast.

Cross Platform Support

Designed for **C#, F#, & VB.NET** running on **.NET 10, 9, 8, 7, Core, Standard,** or **Framework**



<p>.NET Versions:</p> <ul style="list-style-type: none"> • C#, VB.NET, F# Languages • .NET Core (9, 8, 7, 6, 5, and 3.1+) • .NET Standard (2.0+) • .NET Framework (4.6.2+) 	<p>OS & Processors:</p> <ul style="list-style-type: none"> • Windows (x64, x86) • Mac (x64, ARM) • Linux (x64) <p>.NET Project Types:</p> <ul style="list-style-type: none"> • Web (Blazor & WebForms) • Mobile (MAUI) • Desktop (WPF & MAUI) • Console (App & Library) 	<p>App Environments</p> <ul style="list-style-type: none"> • Windows (10+, Server 2016+) • Linux (Ubuntu, Debian, CentOS, etc.) • Mac (macOS 10+) • Apple iOS (13+) • Android API 24+ (v7 "Nougat") • Docker (Windows, Linux, Azure) • Azure (VPS, WebApp, Function) • AWS (EC2, Lambda) 	<p>IDEs:</p> <ul style="list-style-type: none"> • Microsoft Visual Studio • Jetbrains ReSharper & Rider <p>Binary Certification</p> <ul style="list-style-type: none"> • DigiCert Signed Binaries
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IronBarcode Features

<p>Generate</p> <p>Write Barcodes into Many Data formats</p> <ul style="list-style-type: none"> • Image • .NET System.Drawing.Objects • Streams • HTML • PDF <p>Support Many Data Formats</p> <ul style="list-style-type: none"> • QR and 2D matrix • Modern Linear Barcodes • Older Linear Barcodes 	<p>Style</p> <p>Styling Barcodes</p> <ul style="list-style-type: none"> • Resizing • Margins and Borders • Recoloring • Adding Text annotations • Add Logos to QR codes <p>Cross-Compatibility</p> <p>Support Platforms</p> <ul style="list-style-type: none"> • .NET Languages • Platforms • Operating Systems 	<p>Read</p> <p>Read Many Data Formats</p> <ul style="list-style-type: none"> • Images • IronDrawing • System.Drawing.Objects • Streams • PDF <p>Fine-tune Reading Performance</p> <ul style="list-style-type: none"> • Single/multi barcode reading • Specify crop regions • Multithreading Support <p>Fault Tolerance</p> <p>Fault Tolerance</p> <ul style="list-style-type: none"> • Checksums • Format Awareness • Null Checking <p>Debugging</p> <ul style="list-style-type: none"> • Detail Error Messages • Custom QR Error Correction 	<p>Image Correction Filters</p> <p>Image Correction Filters</p> <ul style="list-style-type: none"> • Adaptive Threshold • Binary Threshold • Brightness • Contrast • Invert • Sharpen <p>Others</p> <p>Output Data formats</p> <ul style="list-style-type: none"> • Create barcodes out of different data types • UTF-8 character support
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This features table was updated November, 2025.
For the latest visit ironsoftware.com/csharp/barcode

IRONBARCODE | Team Licenses

Single product licensed by developers, locations and projects



Which perpetual license fits your project needs?

Coverage based on number of developers, organization locations, and projects.

Standard

IRONBARCODE	IRONBARCODE	IRONBARCODE MOST POPULAR	IRONBARCODE
Lite \$999 USD	Plus \$1,499 USD	Professional \$2,999 USD	Unlimited \$5,999 USD
<ul style="list-style-type: none"> ✓ 1 developer ✓ 1 location ✓ 1 project 	<ul style="list-style-type: none"> ✓ 3 developers ✓ 3 locations ✓ 3 projects 	<ul style="list-style-type: none"> ✓ 10 developers ✓ 10 locations ✓ 10 projects 	<ul style="list-style-type: none"> ✓ Unlimited developers ✓ Unlimited locations ✓ Unlimited projects
<ul style="list-style-type: none"> ✓ Email support 	<ul style="list-style-type: none"> ✓ Email support (48h SLA) 	<ul style="list-style-type: none"> ✓ Email support (24h SLA) 	<ul style="list-style-type: none"> ✓ Email support (12h SLA)
<ul style="list-style-type: none"> 🔒 Premium Support 	<ul style="list-style-type: none"> 🔒 Premium Support 	<ul style="list-style-type: none"> 🔒 Premium Support 	<ul style="list-style-type: none"> 🔒 Premium Support
<ul style="list-style-type: none"> 🔒 Live Chat 	<ul style="list-style-type: none"> 🔒 24/7 support 🔒 Live Chat 	<ul style="list-style-type: none"> 🔒 24/7 support 🔒 Live Chat 🔒 Screen-sharing 	<ul style="list-style-type: none"> 🔒 24/7 support 🔒 Live Chat 🔒 Screen-sharing & Slack
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Yearly	Yearly	Yearly	Yearly
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Auto renewal, cancel anytime			
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All licenses include:

Perpetual license
(no recurring fees)

30-day money-back
guarantee

Valid for dev/staging
production

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Auto renewal, cancel anytime			
1 Year - \$799	1 Year - \$1,199	1 Year - \$2,399	1 Year - \$4,799
5 Years* - \$2,397	5 Years* - \$3,597	5 Years* - \$7,197	5 Years* - \$14,397
One-time purchase today			

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IRONSUITE | Team Licenses

Full 10 product Suite

IRONPDF IRONWORD IRONXL IRONPPT IRONOCR IRONBARCODE IRONQR IRONZIP IRONPRINT IRONWEBCRAPER

Which perpetual license fits your project needs?

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IRON SUITE	IRON SUITE	IRON SUITE MOST POPULAR	IRON SUITE
<p>Lite \$2,998 USD</p> <ul style="list-style-type: none"> ✓ 1 developer ✓ 1 location ✓ 1 project <hr/> <ul style="list-style-type: none"> ✓ Email support 🔒 Premium Support 🔒 Live Chat 	<p>Plus \$4,498 USD</p> <ul style="list-style-type: none"> ✓ 3 developers ✓ 3 locations ✓ 3 projects <hr/> <ul style="list-style-type: none"> ✓ Email support (48h SLA) 🔒 Premium Support 🔒 24/7 support 🔒 Live Chat 	<p>Professional \$8,998 USD</p> <ul style="list-style-type: none"> ✓ 10 developers ✓ 10 locations ✓ 10 projects <hr/> <ul style="list-style-type: none"> ✓ Email support (24h SLA) 🔒 Premium Support 🔒 24/7 support 🔒 Live Chat 🔒 Screen-sharing 	<p>Unlimited \$17,998 USD</p> <ul style="list-style-type: none"> ✓ Unlimited developers ✓ Unlimited locations ✓ Unlimited projects <hr/> <ul style="list-style-type: none"> ✓ Email support (12h SLA) 🔒 Premium Support 🔒 24/7 support 🔒 Live Chat 🔒 Screen-sharing & Slack <p>For best coverage consider Enterprise</p>

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5 Years* - \$7,194	5 Years* - \$10,794	5 Years* - \$21,594	5 Years* - \$43,194
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IRONWORD Edit DOCX Word Files. No Office Interop required.



IRONXL Edit Excel & CSV files. No Office Interop required.



IRONPPT Edit Powerpoint files. No Office Interop required.



IRONOCR OCR (extract text from images) in 127 languages.



IRONBARCODE Read and write QR & Barcodes.



IRONQR Read and write QR codes.



IRONZIP Zip and unzip archives

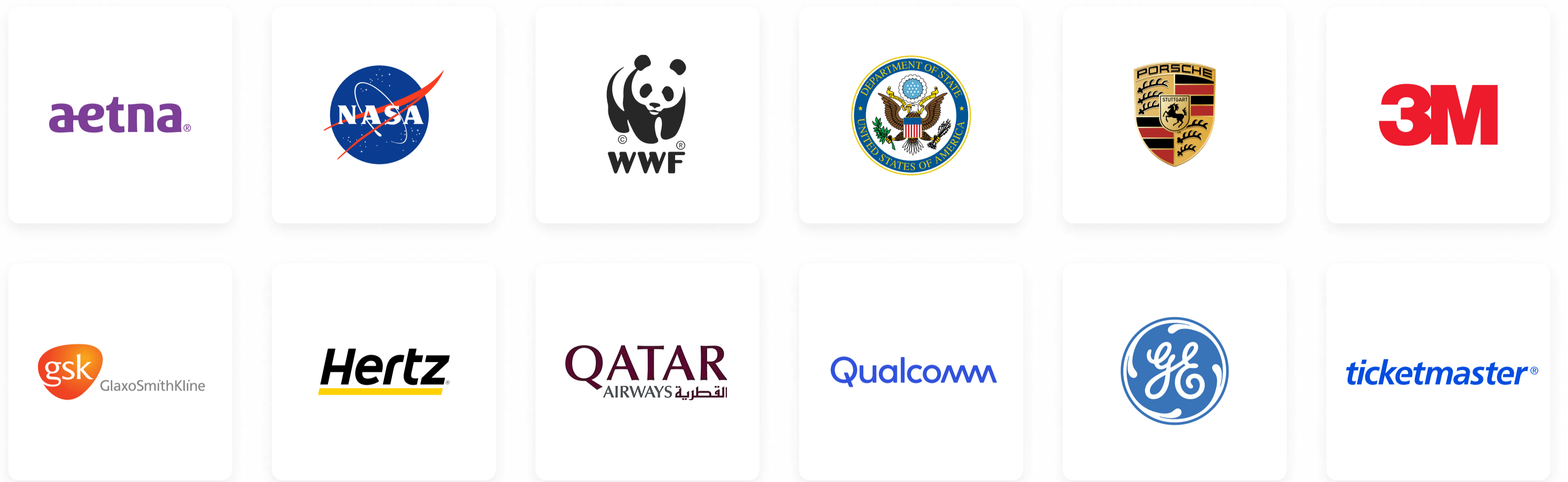



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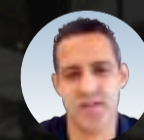


What Developers Say About Iron C# Libraries


My favorite library of this kind is IronPDF. It allows for fast and efficient manipulation of PDF files. It also has many valuable features, like exporting to PDF/A format and digitally signing PDF documents.

 **Milan Jovanović**
Microsoft MVP

The IronSuite play a crucial role in our operations. These are tools that increase efficiencies across the business including creating floor plans and improving inventory management.

 **David Jones**
Lead Software Engineer, Agorus Build

IronOCR means we can save \$40,000 annually from manual processing, while enhancing productivity and freeing up resources for high-impact tasks. I would highly recommend it.

 **Brent Matzelle**
Chief Technology Officer, OPYN



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This information is accurate as of May 2026, for the latest information please look at our [website](#), or [contact our sales team](#).