IRONBARCODE

The C# Barcode Library

\# Generate Barcodes in C# & VB .NET Applications

\# Read Barcodes from Scanned Images

\# Supports .NET 7, 6, 5, Core, Standard, Framework

```
PM > Install-Package BarCode
```

ironsoftware.com/csharp/barcode
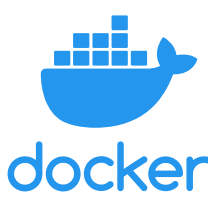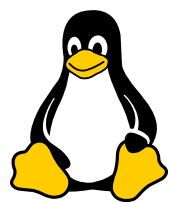
Barcode Quickstart

```csharp
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 8, 7, 6, 5, Core, Standard,** or **Framework**

IronBarcode Features

Compatibility

.NET Languages:
- C#, VB.NET, F#

Platforms:
- .NET 7, 6 & 5
- .NET Core 2x & 3x
- .NET Standard 2
- .NET Framework 4.6.2+

App Types:
- Console, Web, & Desktop

Operating Systems:
- Microsoft Windows
- macOs
- Linux
- Docker
- Azure
- AWS

IDEs:
- Microsoft Visual Studio
- Jetbrains ReSharper & Rider

Barcode Formats

QR & 2D Matrix:
- QR Code
- Styled QR Code
- Aztec
- Data Matrix
- MaxiCode
- USPS Intelligent Mail Barcode

Modern Linear Barcodes:
- Code 39
- Code 128
- GS1-128
- PDF417
- RSS14
- RSS Expanded

Older Linear Barcodes:
- UPC-A
- UPC-E
- EAN-8
- EAN-13
- CodaBar
- ITF (Interleaved Two of Five)
- MSI
- Plessey

Reading Barcode

Read Many Image Formats:
- Images
- Multipage Images
- IronDrawing
- System.Drawing Objects
- Streams
- PDF
- Existing PDFs

Set Accuracy & Performance:
- Single/Multi Barcode Reading
- Specify Crop Regions
- Set Output Format
- Multithreading Support

Image Correction Filters:
- Adaptive Threshold
- Binary Threshold
- Brightness
- Contrast
- Invert
- Sharpen

Output Data Formats:
- Create barcodes with texts, numbers or binary data
- UTF-8 characters supported

Writing Barcode

Write to Document Types:
- Image
- System.Drawing Objects
- Streams
- HTML
- PDF (new and existing)

Encoding Barcode Data:
- Text, URLS, bytes, streams, and numbers

Checking Fault Tolerance:
- Null Checking
- Checksums
- Format Awareness
- Detailed Error Messages
- Custom QR Error Correction

Styling Barcodes:
- Resizing
- Margins & Borders
- Recoloring
- Add Text Annotations
- Add Logos to QR Codes

This features table was updated October, 17, 2023.
For the latest visit ironpdf.com
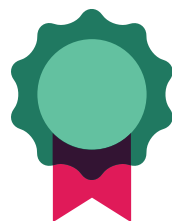
IRONBARCODE | Team Licenses

Single product licensed by developers, locations and projects

Which license fits your project needs?

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

Lite
$749 USD

- ✔ 1 developer
- ✔ 1 location
- ✔ 1 project

- ♡ Email support

Plus
$1,499 USD

- ✔ 3 developer
- ✔ 3 location
- ✔ 3 project

- ♡ Email (48h) & Chat support
- ♡ Phone support

Professional
$2,999 USD

MOST POPULAR

- ✔ 10 developer
- ✔ 10 location
- ✔ 10 project

- ♡ Email (24h) & Chat support
- ♡ Phone support
- ♡ Screen sharing support

Need more projects or developers? Contact us for **Iron Suite Unlimited** or buy multiple licenses.

Uninterrupted Product Support & Update Options
Uninterrupted Product Support & Update Options

Yearly Subscription	Yearly Subscription	Yearly Subscription
First year free, cancel anytime	First year free, cancel anytime	First year free, cancel anytime
$249 per year	$499 per year	$999 per year
5 Year	**5 Year**	**5 Year**
One-time purchase today	One-time purchase today	One-time purchase today
$499	$999	$1,999

Royalty-free redistribution coverage
Royalty-free redistribution coverage required for packaged software products, SaaS, and OEM.

⚠ **Not available**		
Please choose Professional or Unlimited for coverage options	$1,499	$1,499

https://ironpdf.com/licensing

All licenses include:
- ✔ 30-day money-back guarantee
- ✔ Valid for dev/staging/production
- ✔ 1 year of product support & updates
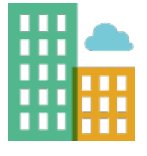- ✔ Perpetual license (no recurring fees)

IRONSUITE | Team Licenses

All 7 Products for the Price of 2

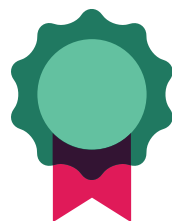**IRONPDF**   **IRONOCR**   **IRONXL**   **IRONZIP**   **IRONQR**   **IRONBARCODE**   **IRONWEBSCRAPER**

Which license fits your project needs?

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

	Lite **$1,498** USD	Plus **$2,998** USD	Professional **$5,998** USD
	✔ 1 developer	✔ 3 developer	✔ 10 developer
	✔ 1 location	✔ 3 location	✔ 10 location
	✔ 1 project	✔ 3 project	✔ 10 project
	♡ Email support	♡ Email (48h) & Chat support	♡ Email (24h) & Chat support
		♡ Phone support	♡ Phone support
			♡ Screen sharing support

MOST POPULAR

Need more projects or developers? Contact us for **Iron Suite Unlimited** or buy multiple licenses.

Uninterrupted Product Support & Update Options
Uninterrupted Product Support & Update Options

Yearly Subscription	**Yearly Subscription**	**Yearly Subscription**
First year free, cancel anytime	First year free, cancel anytime	First year free, cancel anytime
$498 per year	$998 per year	$1,998 per year
5 Year	**5 Year**	**5 Year**
One-time purchase today	One-time purchase today	One-time purchase today
$998	$1,998	$3,998

Royalty-free redistribution coverage
Royalty-free redistribution coverage required for packaged software products, SaaS, and OEM.

⚠ **Not available**	$2,998	$2,998
Please choose Professional or Unlimited for coverage options		

https://ironpdf.com/licensing

All licenses include:
- ✔ 30-day money-back guarantee
- ✔ Valid for dev/staging/production
- ✔ 1 year of product support & updates
- ✔ Perpetual license (no recurring fees)

IRONSUITE | Unlimited Licenses

What's included in all Iron Suite Unlimited Licenses?

Choose a Monthly or Enterprise Perpetual license.

Unlimited developers, locations, and projects

All Suite Products including OEM redistribution

Dedicated account manager and priority support

Select the unlimited license that fits your needs?

Choose between a Monthly or Enterprise Perpetual license.

Monthly
$500 USD / month

- ✔ **No lock-in contract**, cancel any time
- ✔ **Includes all ongoing product updates**

- ⬙ **10,000 API calls** / month included ❓
- ⬙ **$0.02** / API call after

Enterprise
Contact Sales

ALL UNLIMITED

- ✔ **Unlimited perpetual license**
- ✔ **No tracking** in dev or live deployment

- ⬙ **Unlimited API calls**

IRONSUITE for .NET

 # IRONPDF Create, read, and edit PDFs

 # IRONOCR Image to text in 127 languages

 # IRONXL Edit Excel & CSV Files. No Office Interop required

 # IRONZIP Zip and unzip archives

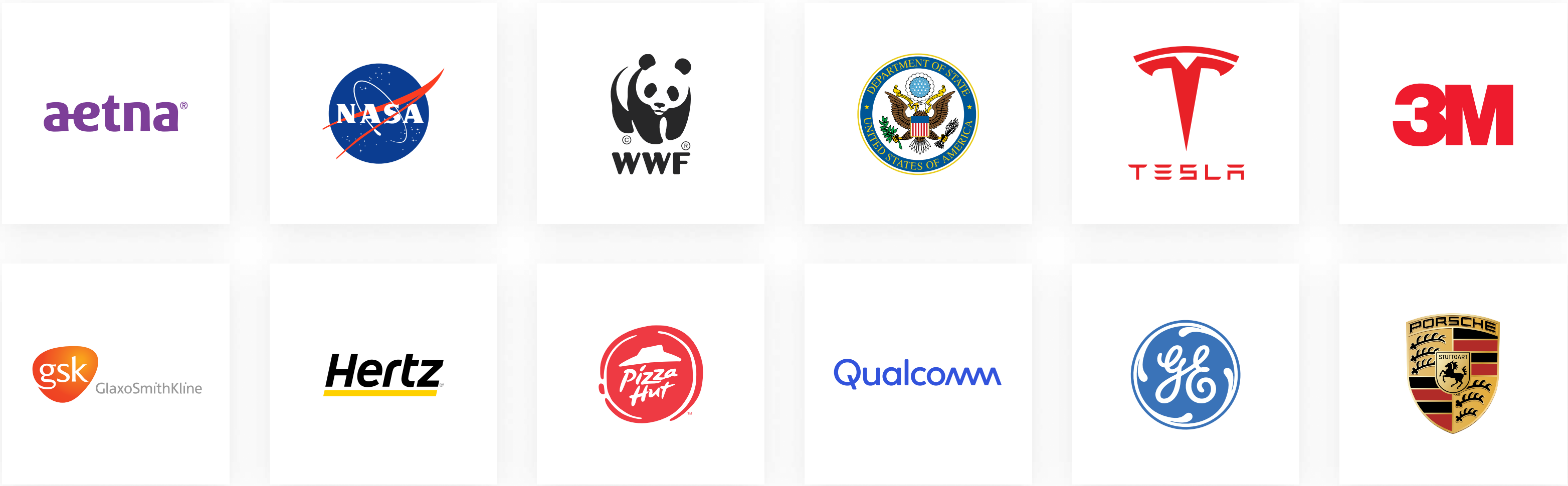**# IRONQR** Read & write QR codes with ML detection

 # IRONBARCODE Read and write Barcodes

 # IRONWEBSCRAPER Extract structured data from websites

https://ironsoftware.com/suite

Trusted by Over 2 Million Engineers Worldwide

Over **7M** downloads

Regular **Monthly** NuGet updates

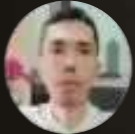Licensed by engineers in **95+** countries

What Developers Say About Iron C# Libraries

"IronPDF has great rendering quality and the team offer quick, informed technical support."

Jamie Ross Greig
Our Property Bear

"Ultimately, when looking at the rest of the market, IronOCR was a more powerful solution because it had the highest throughput."

Eky Purnomo
SanSaTek

"Based on performance, documentation, and more - IronPDF outperformed AsposePDF, iText and SyncFusion."

Jeff Fritz
Microsoft MVP

IRONSUITE | **IRON**PDF **IRON**OCR **IRON**XL **IRON**ZIP **IRON**QR **IRON**BARCODE **IRON**WEBSCRAPER

This information is accurate as of November 1st 2023 / v2024.11,
for the latest information please look at our website, or contact our sales team.