IRONOCR

The C# OCR Library

OCR for C# to scan and read images & PDFs

.NET OCR library with 127+ global language packs

Output as text, structured data, or searchable PDFs

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

```
PM > Install-Package IronOcr
```

ironsoftware.com/csharp/ocr

OCR in 1 line of code

```
1. // Nuget PM > Install-Package IronOcr
2.
3. using IronOcr;
4.
5. var Result = new IronTesseract().Read(@"images\image.png").Text;
6.
```

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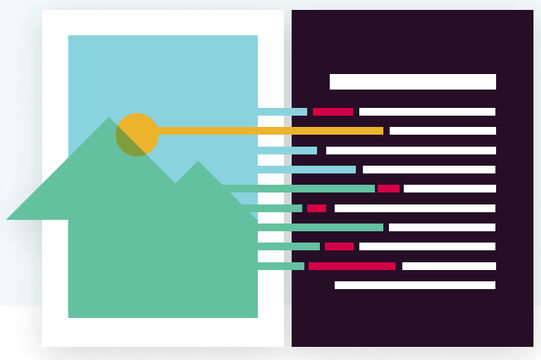

Tesseract 5 OCR in the language you need. We support 127+.

Cross Platform Support

Designed for **C#, F#, & VB.NET** running on **.NET 8, 7, 6, 5, Core, Standard,** or **Framework**

IronOCR Features

Compatibility

Languages:

- C#, VB.NET, F#

Platforms:

- .NET 7, 6 & 5
- .NET Standard 2
- .NET Framework 4.6.2+

App Types:

- Console, Web, & Desktop

Operating Systems:

- Microsoft Windows
- macOs
- Linux (Debian, CentOS, Ubuntu)
- Docker (Windows, Linux, Azure)
- Azure (VPS, Webapps, Websites, Functions)
- AWS (EC2, Lambda)

IDEs:

- Microsoft Visual Studio
- Jetbrains ReSharper & Rider

Certification:

- DigiCert Signed Binaries

OCR Engine

Underlying OCR Engine:

- Tesseract 5 (Custom for .NET)

International Languages:

- 127 Languages
- High and Fast Quality
- Custom Languages

Text and Barcode Reading:

- Text and Numbers
- Multiple Languages at Once
- Barcodes

Specialist Documents:

- Receipts
- Checks (Cheques)
- Invoices

Concurrency:

- Single and Multithreading
- Async Support
- Suspend current thread
- Cancel OCR Reading

Computer Vision:

- Find text with trained models

OCR Input

Read from Many Formats:

- Images (jpg, png, gif, tiff, bmp)
- Multi-Page/Frame (tiff, gif)
- System.Drawing Objects
- Streams
- PDFs (optimized target DPI)

Filters:

- Filter Wizard (Find best filter combination)
- Image Correction (Sharpen, Enhance Resolution, Denoise, Dilate, Erode)
- Fix Image Orientation (Rotate, Deskew, Scale)
- Fix Image Colors (Binarize, Grayscale, Invert, ReplaceColor, SelectTextColor)

Apply a Crop Region:

- CropRectangle

OCR Result

Simple Data Output:

- .NET Text Strings
- Barcode and QR Data
- Images

Structured Data Output:

- Pages
- Blocks
- Paragraphs
- Lines
- Words
- Characters

Export Documents:

- Searchable PDFs
- hOCR Export
- HTML Export
- Page or Text as image
- Barcode or QR as Image

Highlight Text and Save:

- Characters, words, lines, and paragraphs

Status and Analytics:

- OCR Progress Tracking
- Result Confidence

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

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IRONOCR | 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	Plus	Professional (MOST POPULAR)
	$749 USD	**$1,499** USD	**$2,999** USD
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	✔ 1 location	✔ 3 location	✔ 10 location
	✔ 1 project	✔ 3 project	✔ 10 project
	♡ Email support	♡ Email (48h) & Chat support ♡ Phone support	♡ Email (24h) & Chat support ♡ Phone support ♡ Screen sharing support
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5 Year	One-time purchase today $998	One-time purchase today $1,998	One-time purchase today $3,998
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	⚠ **Not available** Please choose Professional or Unlimited for coverage options	$2,998	$2,998

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Enterprise
Contact Sales

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- **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

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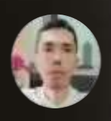
What Developers Say About Iron C# Libraries

"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 | IRONPDF IRONOCR IRONXL IRONZIP IRONQR IRONBARCODE IRONWEBSCRAPER

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.

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