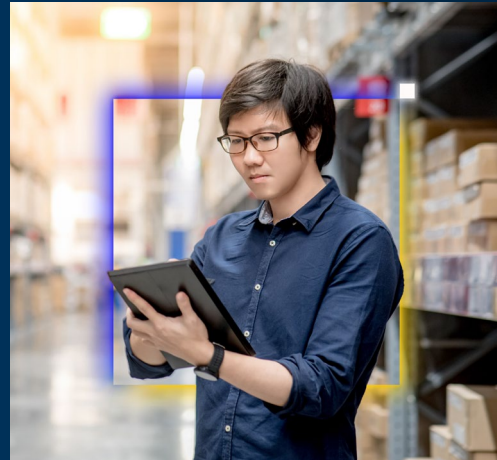


Leading OCR and Document AI Engine for Real-Time Text Extraction

PaddleOCR

PaddleOCR is an open-source, production-ready OCR and document AI engine, powered by PP-OCRv5 for text recognition and PP-StructureV3 for document parsing. The PP-OCRv5 model supports both printed and handwritten text in multiple languages, making it ideal for a wide range of real-world applications such as document digitization, ID recognition, invoice processing, and signage translation. The system is modular and highly customizable, enabling developers to adapt it to various deployment environments, from cloud to edge devices.

With its efficient architecture and support for real-time inference, PP-OCRv5 delivers strong performance even on resource-constrained platforms, helping businesses automate workflows, reduce manual data entry, and improve operational efficiency across industries like finance, logistics, retail, and public services.



Enables fast, private, on-device document parsing for smart all-in-one devices

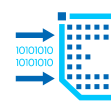
Key Intel-Enabled Features



Faster Inference



Edge Deployment



Model Quantization



Operator Fusion

accelerated by intel

Powered by Intel technologies, PP-OCRv5 delivers:

- 4.0X faster inference using OpenVINO™ on Intel integrated GPU¹
- Quantized models by NNCF reduce compute load without accuracy loss
- Operator fusion boosts throughput for real-time OCR tasks
- Runs fully on-device for better privacy and lower latency

Intel Products and Technologies

- [Intel® Core™ Ultra Processors \(Series 2\)](#)
- [OpenVINO™ Toolkit](#)
- [Intel® Arc™ Graphics](#)
- [Intel® oneAPI Toolkit](#)

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¹ Up to 4x faster PP-OCRv5 inference with Intel® Core™ Ultra 7 258V iGPU and OpenVINO™, compared to CPU-only execution.

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Learn more:

- <https://github.com/PaddlePaddle/PaddleOCR>