



Kofax OmniPage Capture SDK Technical Specification

Version: 22.1.0

Date: 2022-11-24

KOFAX

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Chapter 1

About OmniPage Capture SDK

OmniPage Capture Software Development Kit (CSDK) for Windows is a developer kit for the developer customers to incorporate image processing, OCR, document conversion, document classification, and data extraction capabilities into their applications. The technical specifications in this document are specific to CSDK for Windows, version 22.1.0.

You must meet the requirements to support your OmniPageCapture Software Development Kit 22.1.0 development system. These requirements specifically list the needs of OmniPageCapture Software Development Kit 22.1.0 and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same machine.

Chapter 2

Product requirements

Product component

Specification	Description
Hardware	<p>Development:</p> <ul style="list-style-type: none">• Intel Core 2 and compatible or newer (higher CPU is recommended)• 4 GB minimum RAM (6 GB recommended, more for working with grayscale or color images and more for multithreaded applications)• 4 GB free disk space <p>Runtime:</p> <ul style="list-style-type: none">• Intel Core 2 and compatible or newer (higher CPU is recommended)• 2 GB minimum RAM (4 GB recommended, more for working with grayscale or color images and more for multithreaded applications)• 450 MB free disk space (less if not all recognition modules are distributed)
Browser	<p>Supported browsers for license management:</p> <ul style="list-style-type: none">• Chrome• Firefox• Edge
Desktop operating systems	<p>Operating system for development:</p> <ul style="list-style-type: none">• Windows 10 x86/x64• Windows 11 x64 <p>Discontinued in this release:</p> <ul style="list-style-type: none">• Windows 8/8.1 x86/x64 <div data-bbox="873 1717 1451 1822"><p> For operating systems subjected to the Modern Lifecycle Policy, only the versions supported by Microsoft are supported by Kofax.</p></div>

Specification	Description
	<p>Operating system for runtimes (customer applications):</p> <ul style="list-style-type: none"> • Windows 10 x86/x64 • Windows 11 x64 <p>Discontinued in this release:</p> <ul style="list-style-type: none"> • Windows 8/8.1 x86/x64 <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p> For operating systems subjected to the Modern Lifecycle Policy, only the versions supported by Microsoft are supported by Kofax.</p> </div>
Server operating systems	<p>Operating system for development:</p> <ul style="list-style-type: none"> • Windows Server 2012/R2 • Windows Server 2016 • Windows Server 2019 • Windows Server 2022 <p>Discontinued in this release:</p> <ul style="list-style-type: none"> • Windows Server 2012 <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p> For operating systems subjected to the Modern Lifecycle Policy, only the versions supported by Microsoft are supported by Kofax.</p> </div>

Specification	Description
	<p>Operating system for runtimes (customer applications):</p> <ul style="list-style-type: none"> • Windows Server 2012/R2 (also Core) • Windows Server 2016 • Windows Server 2019 • Windows Server 2022 • Windows Server Core in Docker containers <p>Discontinued in this release:</p> <ul style="list-style-type: none"> • Windows Server 2012 <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p> For operating systems subjected to the Modern Lifecycle Policy, only the versions supported by Microsoft are supported by Kofax.</p> </div>
Runtime libraries shipped with the product	<ul style="list-style-type: none"> • Microsoft Visual C++ 2015-2019 Redistributable x86/x64 (14.29.30139.0) • Microsoft .NET Framework 4.7.2 (4.7.3081.0)
Required runtime libraries	<ul style="list-style-type: none"> • Microsoft Visual C++ Runtime 2015-2019 or later (for CSDK) • Microsoft .Net Framework 4.7.2 or later (for .Net applications) • Microsoft .Net Core 2.1 or later (for .Net Core applications)

Specification	Description
<p>Languages supported</p>	<p>Developer documentation language:</p> <ul style="list-style-type: none"> • English <p>Visual Toolbox supported languages:</p> <ul style="list-style-type: none"> • Brazilian Portuguese • Dutch • English • French • German • Italian • Japanese • Polish • Russian • Spanish • Swedish • Turkish <p>127 OCR languages:</p> <p>AFRIKAANS, ALBANIAN, ARABIC, AYMARA, BASQUE, BELARUSIAN, BEMBA, BLACKFOOT, BRAZILIAN PORTUGUESE, BRETON, BUGOTU, BULGARIAN, CATALAN, CHAMORRO, CHECHEN, CHINESE - SIMPLIFIED, CHINESE - TRADITIONAL, CORSICAN, CROATIAN, CROW, CZECH, DANISH, DUTCH, ENGLISH, ESPERANTO, ESTONIAN, FAROESE, FIJIAN, FINNISH, FRENCH, FRISIAN, FRIULIAN, GAELIC - IRISH, GAELIC - SCOTTISH, GALICIAN, GANDA, GERMAN, GREEK, GUARANI, HANI, HAWAIIAN, HEBREW, HUNGARIAN, ICELANDIC, IDO, INDONESIAN, INTERLINGUA, INUIT, ITALIAN, JAPANESE, KABARDIAN, KASHUBIAN, KAWA, KIKUYU, KONGO, KOREAN, KPILLE, KURDISH, LATIN, LATVIAN, LITHUANIAN, LUBA, LUXEMBOURGIAN, MACEDONIAN, MALAGASY, MALAY, MALINKE, MALTESE, MAORI, MAYAN, MIAO, MINANKABAW, MOHAWK, MOLDAVIAN, NAHUATL, NORWEGIAN, NYANJA, OCCIDENTAL, OJIBWAY, PAPIAMENTO, PIDGIN ENGLISH, PIREZ, POLISH, PORTUGUESE, PROVENCAL, QUECHUA, RHAETIC, ROMANIAN, ROMANY, RUANDA, RUNDI, RUSSIAN, SAMI, SAMI LULE, SAMI NORTHERN, SAMI SOUTHERN, SAMOAN, SARDINIAN, SERBIAN - CYRILLIC, SERBIAN - LATIN, SHONA, SIOUX, SLOVAK, SLOVENIAN, SOMALI, SORBIAN, SOTHO, SPANISH, SUNDANESE, SWAHILI, SWAZI, SWEDISH, TAGALOG, TAHITIAN, THAI, TONGAN, TSWANA, TUN, TURKISH, UKRAINIAN, VIETNAMESE, VISAYAN, WELSH, WOLOF, XHOSA, ZAPOTEC, ZULU</p>

Programming interfaces

Programming interface	Required components
RecAPI C/C++ interface (Kernel API)	Microsoft Visual C++ Runtime 2015-2019
RecAPI C/C++ interface (RecAPIPlus)	Microsoft Visual C++ Runtime 2015-2019
.NET API object interface	<ul style="list-style-type: none">• Microsoft Visual C++ Runtime 2015-2019• Microsoft .Net Framework 4.6.2 or later (for .Net applications)• Microsoft .Net Core 2.1 or later (for .Net Core applications)
IPROPlus ActiveX interface	Microsoft Visual C++ Runtime 2015-2019
Intelligent Workflow Runner (IWR) COM object interface	Microsoft Visual C++ Runtime 2015-2019
Java interface	<ul style="list-style-type: none">• Java 1.2 or later• Microsoft Visual C++ Runtime 2015-2019
Python interface	<ul style="list-style-type: none">• Python 3.7, 3.8 or 3.9• Microsoft Visual C++ Runtime 2015-2019