

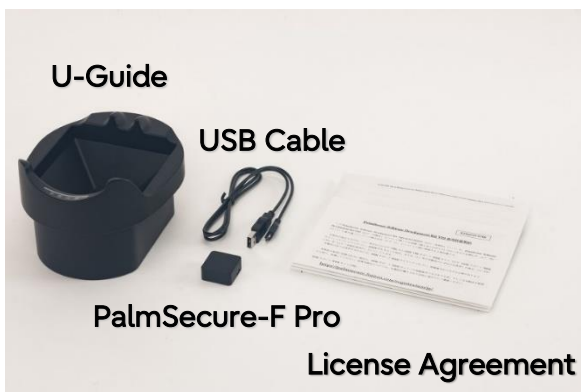
PalmSecure Software Development Kit V02

Fujitsu Biometric Authentication

The PalmSecure SDK is the developer's resource for adding our proven technology to your software application and embedded hardware.

- Full-featured BioAPI
- Sample code with demo application
- Supports Windows, Linux, and Android based applications
- Device maintenance tools

SDK Contents



Item	Quantity
PalmSecure-F Pro sensor	1
U-Guide	1
Micro USB cable	1
SDK License Agreement sheet	1
Professional Edition License sheet	1

Download the following items from the SDK Web Site.



Date of Registration	Name	Revision	File Name	Size
September 2017	Installer version	Windows (x86)	V31L37 ZIP SensorDRVIns_WIN_3137.zip	100KB
		Windows (x64)	V31L47 ZIP SensorDRVIns_WIN64_3147.zip	0,975KB
April 2017	Source program (Note)	Linux	V31L03	---

(Note)We provide Linux version of Sero or driver for extended function as source code. In order to get the source code, please contact the sales persons for your region directly.

Date of Registration	Name	Revision	File Name	Size
April 2017	Professional Edition	Windows (x86) and (x64) (Common component)	V09L03 ZIP PalmSecureSampleForVB_V09L03.zip	207KB
May 2016	Enterprise Edition	Windows (x64)	V09L02 ZIP PalmSecureSampleEEForVB_V09L02.zip	20KB

- Authentication Library
- License File
- Sensor Driver
- Sample Interface
- Sample Application
- Various Supporting Tools etc

Development Requirements (Windows and Linux)

HW	CPU	Client/Server: Intel® Core™ 2 Duo 2.40GHz or above <u>NOTE: requires SSE3/SSSE3</u> <u>CPU with SSE4.2/AES-NI implemented is recommended</u>
	Memory	Client: x86 = 1GB or above (2GB or above for Win 10) x64 = 2GB or above (4GB or above for Win 11) Server: 2GB or above
	USB interface	USB2.0 or USB3.0 (USB 3.0 is required for high-power mode)
	HDD space	Client: 231MB or above Server: 222MB or above
SW	Windows® (client)	Windows 8.1 Update (x86 and x64) Windows 10 Version 20H2 (x86 and x64) Windows 11 Version 21H2 (x64)
	Windows® (server)	Windows Server 2012 R2 Update (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64)
	Linux (client/server)	CentOS 7.9-2009 [kernel: 3.10.0-1160.el7.x86_64, glibc: 2.17] CentOS 8.3-2011 [kernel: 4.18.0-240.el8.x86_64, glibc: 2.28]
Development languages		C/C++ (recommended), Java, Visual Basic.NET, and C#

Development Requirements (Linux armhf and arm64)

HW	CPU architecture	<32-bit version> Armv7-A <64-bit version> Armv8-A
	Required CPU option	NEON, VFP (CRYPTO is recommended for 64-bit version)
	Supported CPU	<32-bit version (Armv7-A)> Cortex-A15: RZ/G1M (Renesas) <64-bit version (Armv8-A)> Cortex-A53: i.MX 8M (NXP)
	Memory	<32-bit version> 256 MB or more <64-bit version> 1 GB or more
	USB interface	USB2.0 or USB3.0 (USB 3.0 is required for high-power mode)
SW	OS	Type: Linux (kernel: 3.10.0 or later) Endian: Little GNU C Library: 2.10 or more

Development Requirements (Android (Armv8-A))

HW	CPU architecture	Armv8-A (64-bit)
	Required CPU option	NEON, VFP (CRYPTO is recommended)
	Tested CPU	Cortex-A series (Cortex-A53 or Cortex-A72, Cortex-A73) -Qualcomm Snapdragon 660 Mobile Platform SoC -Rockchip RK3399
	Memory	3GB or above
	USB interface	USB2.0 (Host function must be enabled)
	Sensor	PalmSecure-F Pro (Mouse type sensor is not supported) Use the firmware V56L022 or later.
SW	OS	Android 9.0 (64-bit, 64-bit Native Library must be available)
	Software for development	Android Studio 4.0.1 Android NDK LTS r21e

Contact

FUJITSU LIMITED
 Fujitsu Uvance Kawasaki Tower
 1-5 Omiyacho, Saiwai Ward, Kawasaki, Kanagawa 212-0014, Japan
 URL: <https://www.fujitsu.com/global/services/security/offerings/biometrics/palmsecure/>

FUJITSU FURONTECH LIMITED
 1776 Yanokuchi, Inagi-shi, Tokyo 206-8555, Japan
 URL: <https://www.fujitsu.com/jp/group/frontech/en/>
 Contact: <https://www.fujitsu.com/jp/group/frontech/en/contact/>

© Fujitsu 2022. All rights reserved. Fujitsu and Fujitsu logo are trademarks of Fujitsu Limited registered in many jurisdictions worldwide. Other product, service and company names mentioned herein may be trademarks of Fujitsu or other companies. This document is current as of the initial date of publication and subject to be changed by Fujitsu without notice. This material is provided for information purposes only and Fujitsu assumes no liability related to its use.