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Modules



Windows Driver Release Notes

EM8695

Revision History

Rev	Date	Updates	Author
1	2025/01/06	Added Release 8695.0001.000 (Driver Only)	
2	2025/01/22	Added Release 8695.0002.000	
3	2025/04/25	Added Release 8695.0003.000 (Driver Only)	
4	2025/06/12	Added Release 8695.0004.000	
5	2025/06/24	Added Release 8695.0005.000	
6	2026/07/06	Added Release 8695.0006.000	

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Introduction

Document purpose

This document describes EM8695 driver package releases for Windows platforms.

Driver packages include the following components:

- Device Drivers: Kernel and User Mode drivers
- Services
- Utilities required for FW Download and FW Image Switching
- Tools for troubleshooting, debugging and logging

Each driver package release is identified by a unique 'build' number (e.g.,8695.0001.000).

Audience of this document

These release notes may be distributed to all direct and indirect customers.

Supported platforms

The following platforms are supported:

- Windows 10, 64-bit
- Windows 11, 64-bit

Release 8695.0006.000

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	GenericSDX35DriverOnlySetup_EM8695_0006

Package Components

Component	Revision	Comments	For External
Modem Logger	v3.0.1.0	To capture EM8695 modem log via DM port without QXDM installation	Yes
Win Logger	v3.0.0.0	To capture Windows network trace log	Yes
MBIMAT	v3.0.1.1	AT Command tool over MBIM	Yes
Diagnostic Tool	V1.0.0.2	A tool designed for debugging modules running on Windows system to collect logs on the Windows host side to assist developers in identifying the problem.	Yes

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
KAKASHI-1678	[Windows] Win11 25H2 supported	Integrate WHQL-signed driver for Win11 25H2.

Known Issues

None

Release 8695.0005.000

Release identification

Component	Revision
04 Firmware	00.01.12.00
Target Devices	EM8695
Date of generation (UTC)	2025/04/15
Binary Size	89.2 MB (FWI format)
IMEI SV	
Chipset Vendor Stack Version	

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	Generic8695_NOFW

Released Carrier Packages

Carrier	Firmware	Configuration	Comment
Test			
Generic	SWIX35C_00.01.12.00	000.001_002	Test
Verizon	SWIX35C_00.01.12.00	000.001_002	Test
AT&T	SWIX35C_00.01.12.00	000.001_003	Test
TMO	SWIX35C_00.01.12.00	000.001_002	Test

Package Components

Component	Revision	Comments
Modem Logger	v3.0.1.0	
Win Logger	v3.0.0.0	
MBIMAT	v3.0.1.1	
Diagnostic Tool	v1.0.0.2	
SwiServiceLite_EM86	V1.0.0.1	

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
	Windows driver	Integrate WHQL-signed driver for Win10 22H2, Win11 23H2, and Win11 24H2.

Known Issues

None

Release 8695.0004.000

Release identification

Component	Revision
04 Firmware	00.01.12.00
Target Devices	EM8695
Date of generation (UTC)	2025/04/15
Binary Size	89.2 MB (FWI format)
IMEI SV	
Chipset Vendor Stack Version	

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	Generic8695_NOFW

Released Carrier Packages

Carrier	Firmware	Configuration	Comment
Test			
Generic	SWIX35C_00.01.12.00	000.001_002	Test
Verizon	SWIX35C_00.01.12.00	000.001_002	Test
AT&T	SWIX35C_00.01.12.00	000.001_003	Test
TMO	SWIX35C_00.01.12.00	000.001_002	Test

Package Components

Component	Revision	Comments
Modem Logger	v3.0.1.0	
Win Logger	v3.0.0.0	
MBIMAT	v3.0.1.1	
Diagnostic Tool	v1.0.0.2	
SwiServiceLite_EM86	V1.0.0.1	

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
KAKASHI-607	Firmware Update	Host Based Image Switching - Auto SIM-FW matching
KAKASHI-741	Firmware Update	Host software tool image cannot be upgraded on Windows

Known Issues

None

Release 8695.0003.000 (Driver Only)

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	Generic8695_NOFW

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
	Windows Driver	Integrate latest Windows driver

Known Issues

None

Release 8695.0002.000

Release identification

Component	Revision
04 Firmware	00.01.10.02
Target Devices	EM8695
Date of generation (UTC)	2025/01/20
Binary Size	89.2 MB (FWI format)
IMEI SV	
Chipset Vendor Stack Version	

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	Generic8695_NOFW

Released Carrier Packages

Carrier	Firmware	Configuration	Comment
Test			
Generic	SWIX35C_00.01.10.02	000.001_000	Test
Verizon	SWIX35C_00.01.10.02	000.001_000	Test
AT&T	SWIX35C_00.01.10.02	000.001_000	Test
TMO	SWIX35C_00.01.10.02	000.001_000	Test

Package Components

Component	Revision	Comments
Modem Logger	v3.0.1.0	
Win Logger	v3.0.0.0	
MBIMAT	v3.0.1.1	
Diagnostic Tool	v1.0.0.2	
SwiServiceLite_EM86	V1.0.0.0	

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
KAKASHI-607	Firmware Update	Host Based Image Switching - Auto SIM-FW matching

Known Issues

None

Release 8695.0001.000 (Driver Only)

Supported Platforms

Platform	Details
Windows 10	HLK signature
Windows 11	HLK signature

Release Packages

Target Customer	EXE Package Name
Generic	Generic8695_NOFW

Software Changes Description

This release includes the notable changes and features listed below.

ID	Title	Description
Device Drivers and Driver Installer		
	Windows Driver	Integrate latest Windows driver

Known Issues

None