(*) Will be desupported by any FourJs version

Operating System Version	Genero BDL With Web Services(2)	Genero Application Server	Genero Desktop Client	Genero Studio Client + Server	Genero Studio Server	Genero Report Engine
Apple						
X86_64 64bit - OS code : M64X1200 (New)						
macOS 12.x Monterey	✓	✓	✓	✓	✓	✓
macOS 13.x Ventura	✓	✓	✓	✓	✓	✓
macOS 14.x Sonoma (New)	✓	✓	✓	✓	✓	✓
Apple Silicon 64bit - OS code : M64X1200 (*)						
macOS 12.x Monterey	✓	✓	✓	✓	✓	✓
macOS 13.x Ventura	✓	✓	✓	✓	✓	✓
macOS 14.x Sonoma (New)	✓	✓	✓	✓	✓	✓
IBM						
PowerPC 64bit - OS code : A640710						
AIX 7.2 -7.3 (New)	✓	✓	N/A	N/A	✓	✓
Linux Distributions						
X86_64 64bit - glibc 2.17 and higher - OS code : L64XL217 (**)						
SUSE Linux Enterprise Server 15	✓	N/A	N/A	N/A	N/A	N/A
X86_64 64bit - glibc 2.28 and higher - OS code : L64XL228 (New)						
Red Hat Enterprise 8.x - 9.x	✓	✓	✓	✓	✓	✓
Oracle Linux 8	✓	✓	N/A	N/A	✓	✓
Ubuntu 22.04	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server 15	N/A	✓	✓	✓	✓	✓
Rocky Linux 8 / 9	✓	✓	✓	✓	N/A	✓
ARM64-AArch64 64bit - glibc 2.34 and higher - OS code : L64AL234 (New)						
Red Hat 9.2	✓	✓	N/A	N/A	N/A	✓
Rocky 9.x	✓	✓	N/A	N/A	N/A	N/A
Ubuntu 22.04	✓	✓	N/A	N/A	N/A	N/A
Note(s) about Linux Distributions	Please be aware that support for Linux distributions is limited to those listed above. While Genero 5.0x is known to work on most major distributions, issues specific to a particular distribution will not be prioritized before issues tied to the listed distributions per processor types. For graphical Genero tools like GDC and GST, Four Js supports the following Linux Window(s) Managers : Gnome 3.2 and higher. Some other Window(s) Managers are known to work, but issues specific to those will not be fixed.					
Microsoft Windows						
X86_64 64bit - OS code : W64V142						
Windows 10 - 11	✓	✓	✓	✓	✓	✓
Windows Server 2016 - 2019 -2022	✓	✓	(*)	✓	✓	✓
Oracle Sun						
SPARC 64bit - OS code : S64S100						
Solaris 11	✓	✓	N/A	N/A	✓	✓
X86_64 64bit - OS code : S64X100						
Solaris 11	✓	✓	N/A	N/A	✓	✓

(*) This architecture requires the Rosetta tool see https://support.apple.com/fr-fr/HT211861
And for Java extensions, GMA and GRW install a JVM x86 (not Apple Silicon M1/M2/M3).
Note: During the installation process, you will be warned that the processor is not correct, just force the installation process to continue.

(**) The installation of the Genero BDL package on Suse Enterprise requires the Ncurses 5 libraries only embedded in the l64xl217 package.
If you want to use Genero Studio, you should install the l64xl228 package of Gnero Studio and set your FGL configuration to the l64xl217 installation of Genero BDL.
Please refer to the manual for more information https://4js.com/online_documentation/fjs-genero-manual-install-html/index.html#fgl-topics/c_fgl_installation_016.html.

(2) Four Js Genero BDL with Web Services bundle includes the following components:
- Business Development Language (FGL)
- Web service extension (GWS)
- Testing tool (GGC)
- Application Server for Java (JGAS)
- Web Components and wrappers (WCG)
- Genero Browser Client (GBC)
- Genero Identity Provider (GIP)

Legend

	OS Code	Code of the OS in the package name ie: fjs-gas-5.00.xx-buildxxxx.xx-<code>.run
	✓	Supported Operating System
	(*)	Known to work on Microsoft Terminal Server and Citrix environment
	N/A	Package Not Available

Four Js Genero 5.00.xx Supported Database list Rev.2024-03-28

PostgreSQL C API client 12	2024-11-14	https://endoflife.software/applications/databases/postgresql
MariaDB C API client 10.4	2024-06-18	https://mariadb.org/about/#maintenance-policy

Database Server	Database Client	Driver name	Operating System Code						
			a640710	l64xl228	l64al234	m64x1200	s64s100	s64x100	w64v142
Informix									
IDS	CSDK ESQL/C 4.10 - 4.50	dbmifx_9	✓	✓	✓	✓	✓	✓	✓
Oracle Database									
18c	OCI client 18.x	dbmora_18	✓	✓	✓	✓	✓	✓	✓
19c	OCI client 19.x	dbmora_18	✓	✓	✓	✓	✓	✓	✓
21c	OCI client 21.x	dbmora_18	✓	✓	✓	✓	✓	✓	✓
23c	OCI client 23.x (New)	dbmora_23		✓					
Dameng Database									
8.x	Dameng Client 8.x (*) (New)	dbmdmg8		✓					
PostgreSQL									
12	PostgreSQL C API client 12 (*) (Desupported November 2024)	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓
13	PostgreSQL C API client 13	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓
14	PostgreSQL C API client 14	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓
15	PostgreSQL C API client 15	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓
16	PostgreSQL C API client 16	dbmpgs_9	✓	✓	✓	✓	✓	✓	✓
Oracle MySQL									
8.0	MySQL C API client 8.0	dbmmys_8_0		✓	✓	✓			✓
8.2	MySQL C API client 8.2 (New)	dbmmys_8_2		✓	✓	✓			✓
MariaDB									
10.4	MariaDB C API client 10.4 (*)(Desupported June 2024)	dbmmdb_10_2		✓	✓	✓			✓
10.5	MariaDB C API client 10.5	dbmmdb_10_2		✓	✓	✓			✓
10.6	MariaDB C API client 10.6	dbmmdb_10_2		✓	✓	✓			✓
10.10	MariaDB C API client 10.10	dbmmdb_10_2		✓	✓	✓			✓
11	MariaDB C API client 11 (New)	dbmmdb_10_2		✓	✓	✓			✓
Microsoft SQL Server									
SQL Server 2017	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓	✓				
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓					✓
	Microsoft ODBC Driver 18.x	dbmsnc_18		✓	✓	✓			✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓		✓	✓	
SQL Server 2019	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓	✓				
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓					✓
	Microsoft ODBC Driver 18.x	dbmsnc_18		✓	✓	✓			✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓		✓	✓	
SQL Server 2022	EasySoft ODBC 2.0.x	dbmesm_1	✓	✓					
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓					✓
	Microsoft ODBC Driver 18.x	dbmsnc_18		✓	✓	✓			✓
	FreeTDS ODBC 1.2.x	dbmftm_0	✓	✓	✓		✓		
Azure SQL DB v12	EasySoft ODBC 1.9.4	dbmesm_1	✓	✓	✓				
	Microsoft ODBC Driver 17.x	dbmsnc_17		✓					✓
	Microsoft ODBC Driver 18.x	dbmsnc_18		✓	✓	✓			✓
SQLite									
3	C/C++ Interface 3.x	dbmsqt_3	✓	✓	✓	✓	✓	✓	✓
SAP HANA									
2.0	SAP HANA ODBC 2.x	dbmhdb_2		✓	✓				✓

(*) Support for this database is not free. The Dameng driver is delivered as part of the FGLGWS package but requires a specific Genero license for use.

Systems Requirements for Four Js Genero Mobile 5.0x - Rev. 2024-03-28

Genero Studio	Target Platform			
	Android 8.x -> 14.x		iOS 13.x -> 17.x	
	Development	APK Build	Development	IPA Build
Apple				
macOS	✓	✓(1)	✓(2)	✓(2)
Linux				
Rocky Linux / Red Hat 9 (x86_64), Gnome 3**(4)**	✓	✓(1)	✓(3)	**X**
Microsoft Windows				
Windows 10 / 11	✓	✓(1)	✓(3)	**X**

✓**(1)**	For JDK supported version please refer to page 5 (Four Js Genero 5.0x.xx Supported Java List) of this document
✓**(2)**	Development of native iOS extensions requires Xcode 13 or later (please refer to https://xcodereleases.com/ for more information about macOs requirements).
✓**(3)**	Requires an iOS Device (iOS 13.x to 17.x) with the Genero Mobile Development Client (available from Apple App Store) installed
(4)	Tested on Rocky Linux 9 64bit with Gnome 3.x. Known to work on Linux distributions with GNU C Library (glibc) 2.24 or later, and 64-bit capable of running 32-bit applications

Genero Browser Client 5.0x.xx
Rev. 2024-03-28

Supported web browser	
Mozilla Firefox (latest stable version)	✓
Google Chrome (latest stable version)	✓
Microsoft Edge (latest stable Chromium based version)	✓
Apple Safari (latest stable version)	✓
Native mobile browsers on iOS (Mobile Safari) and Android™	✓

Genero Report Viewer (GRV) for HTML5 Rev. 2024-03-28

Supported web browser	Viewing	Printing
Mozilla Firefox (latest stable version)	✓	✓(1)
Google Chrome (latest stable version)	✓	✓(1)
Microsoft Edge (latest stable Chromium based version)	✓	✓(1)
Apple Safari (latest stable version)	✓	X
Native mobile browsers on iOS (Mobile Safari) and Android™	X	X

✓(1)   Requires specific browser setup
X   Not supported

Four Js Genero 5.0x.xx Supported Java list Rev.2024-03-28

Java version	Genero BDL With Web Services	Genero Application Server for Java	Genero Ghost Client	Genero Mobile for Android Client	Genero Report Engine
Oracle Java (JRE - JDK)					
17	✓	✓	✓	✓	✓
OpenJDK					
17	✓	✓	✓	✓	✓

Exceptions:
- IBM AIX: Four Js tested with IBM Java.

OS name	Processor	End of life Date	URL
Apple			
MacOS 10.14 Mojave	X86_64	2021-10-25	https://endoflife.date/macos
MacOS 10.15 Catalina	X86_64	2022-09-12	https://endoflife.date/macos
macOS 11.x Big Sur	X86_64	2023-09-26	https://endoflife.date/macos
macOS 12.x Monterey	X86_64	TBD	https://endoflife.date/macos
macOS 13.x Ventura	X86_64	TBD	https://endoflife.date/macos
macOS 14.x Sonoma	X86_64	TBD	https://endoflife.date/macos
IBM			
AIX 7.2	PowerPC (64bit)	TBD	https://www.ibm.com/support/pages/aix-support-lifecycle-information
AIX 7.3	PowerPC (64bit)	2026-11-30	https://www.ibm.com/support/pages/aix-support-lifecycle-information
Linux Distributions			
Red Hat Enterprise 8	X86_64	2029-05-31	https://access.redhat.com/product-life-cycles?product=Red%20Hat%20Enterprise%20Linux,OpenShift%20Container%20Platform%204
Red Hat Enterprise 9	X86_64	2032-05-31	https://access.redhat.com/product-life-cycles?product=Red%20Hat%20Enterprise%20Linux,OpenShift%20Container%20Platform%204
Oracle Linux8	X86_64	2029-07	http://www.oracle.com/us/support/library/elsp-lifetime-069338.pdf
Ubuntu 22.04	X86 / X86_64	2027-04	https://endoflife.software/operating-systems/linux/ubuntu
SUSE Linux Enterprise Server 12	X86_64	2024-10-31	https://www.suse.com/lifecycle/
SUSE Linux Enterprise Server 15	X86_64	2028-07-31	https://www.suse.com/lifecycle/
Rocky Linux 8	X86_64	2029-05-31	https://rockylinux.org/news/rocky-linux-9-0-ga-release/
Rocky Linux 9	X86_64	2032-05-31	https://rockylinux.org/news/rocky-linux-9-0-ga-release/
RedHat 9.2	ARM-AArch64	2024-06-30	https://wiki.centos.org/About/Product
Microsoft Windows			
Windows 10	X86_64	2025-10-14	https://docs.microsoft.com/en-us/lifecycle/products/windows-10-home-and-pro
Windows 11	X86_64	TBD	https://docs.microsoft.com/en-us/lifecycle/products/windows-11-home-and-pro-version-21h2
Windows Server 2016	X86_64	2027-01-12	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2016
Windows Server 2019	X86_64	2029-01-09	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2019
Windows Server 2022	X86_64	2029-01-09	https://docs.microsoft.com/en-us/lifecycle/products/windows-server-2022
Oracle Sun			
Solaris 11	SPARC / X86_64	2034-11-30	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf
Solaris 11	X86_64	2034-11-30	http://www.oracle.com/us/support/library/lifetime-support-hardware-301321.pdf

Legend	
Not found	Four Js cannot find the information.
Not yet defined	The end-of-life date has yet to be defined

Database Name	End of life Date	URL
IBM Informix		
CSDK 4.10	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=L335162T22459B78
CSDK 4.50	Not yet defined	https://www.ibm.com/support/lifecycle/details?q45=T838949I61859Y46
Oracle Database		
12.1	2022-07	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
12.2	2020-11-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
18c	2021-06-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
19c	2027-04-30	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
21c	2026-04-30	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
23c	Not yet defined	
Dameng Database		
8.x	Notfound	
PostgreSQL		
12	2024-11-14	https://endoflife.date/postgresql
13	2025-11-13	https://endoflife.date/postgresql
14	2026-09-30	https://endoflife.date/postgresql
15	2027-11-11	https://endoflife.date/postgresql
16	2028-11-09	https://endoflife.date/postgresql
Oracle MySql		
8.0	2026-04-01	http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf
8.2	TBD	https://endoflife.date/mysql
MariaDB		
10.4	2024-06-18	https://mariadb.org/about/#maintenance-policy
10.5	2025-06-24	https://mariadb.org/about/#maintenance-policy
10.6	2026-07-06	https://mariadb.org/about/#maintenance-policy
10.10	2023-11-17	https://mariadb.org/about/#maintenance-policy
11	2024-11-21	https://mariadb.org/about/#maintenance-policy
Microsoft SQL Server		
SQL Server 2017	2027-12-10	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2017
SQL Server 2019	2030-08-01	https://docs.microsoft.com/en-us/lifecycle/products/sql-server-2019
SQL Server 2022	2033-01-11	https://learn.microsoft.com/en-us/lifecycle/products/sql-server-2022
SQLite		
3	No rules	https://sqlite.org/news.html
SAP HANA		
2.0	Not yet defined	https://blogs.sap.com/2020/02/21/planned-release-of-sap-hana-2.0-sps05-and-impact-on-maintenance-for-sap-hana/

Legend	
Not yet defined	The end-of-life date has yet to be defined
No rules	There is no rule provided by the database provider; support can stop at any moment.
Not found	Four Js cannot find the information.