Hardware and Software Requirements

The hardware and software requirements for XperienCentral are listed below per version. Click a version to expand the full list of requirements.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK)
	 17 (minimum) 17 (maximum) Open Java Development Kit (OpenJDK): 17 (minimum) 17 (maximum) Apache Maven: 3.6.x

1 Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R43 uses Tomcat version 9.0.83.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation

Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	 Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK)
	 17 (minimum) 17 (maximum) Open Java Development Kit (OpenJDK): 17 (minimum) 17 (maximum) Apache Maven: 3.6.x

① Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R42 uses Tomcat version 9.0.80.

Database Server	
Hardware	Software

See the application server requirements. We recommend that you run the database on a separate server.

Operating Systems

See Application Server requirements

Supported Databases

- MS SQL 2019, 2017, 2016 or 2012
- MySQL 5.7^{*}
- MariaDB 10.3
- Oracle 12.2
- Oracle 12.1.0
- Oracle 19c

*If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation Hardware Software Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

• Apache 2.4.x

Application Server

- Apache Tomcat 9.0.x
- JBoss 7.2.x EAP

Oracle Java Development Kit (JDK)

- 17 (minimum)
- 17 (maximum)

Open Java Development Kit (OpenJDK):

- 17 (minimum)
- 17 (maximum)

Apache Maven:

• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R41 uses Tomcat version 9.0.78.

Database Server Hardware Software See the application server requirements. We recommend that you run **Operating Systems** the database on a separate server. See Application Server requirements **Supported Databases** • MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c st If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 9.0.x Jesus 7.2.x EAP Oracle Java Development Kit (JDK) 17 (minimum) 17 (maximum) Open Java Development Kit (OpenJDK): 17 (minimum) 17 (maximum)
	Apache Maven: ● 3.6.x

Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat version 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R40 uses Tomcat version 9.0.73.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements
	Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK) 11 (minimum) 13 (maximum) Open Java Development Kit (OpenJDK): 11 (minimum) 13 (maximum) Apache Maven:
	• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R37 uses Tomcat version 9.0.64.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements
	Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

• Apache 2.4.x

Application Server

- Apache Tomcat 8.5.x
- Apache Tomcat 9.0.x 🔔
- JBoss 7.2.x EAP

Oracle Java Development Kit (JDK)

- 17 (minimum)
- 17 (maximum)

Open Java Development Kit (OpenJDK):

- 17 (minimum)
- 17 (maximum)

Apache Maven:

• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R39 uses Tomcat version 9.0.68.

Database Server Hardware Software See the application server requirements. We recommend that you run **Operating Systems** the database on a separate server. See Application Server requirements **Supported Databases** • MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c st If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
 Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux)
 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK) 11 (minimum) 13 (maximum) Open Java Development Kit (OpenJDK): 11 (minimum) 13 (maximum) Apache Maven: 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R38 uses Tomcat version 9.0.64.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases • MS SQL 2019, 2017, 2016 or 2012 • MySQL 5.7* • MariaDB 10.3 • Oracle 12.2 • Oracle 12.1.0 • Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK) 11 (minimum) 13 (maximum) Open Java Development Kit (OpenJDK): 11 (minimum) 13 (maximum) Apache Maven:
	• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R37 uses Tomcat version 9.0.64.

Database Server

Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements
	Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

• Apache 2.4.x

Application Server

- Apache Tomcat 8.5.x
- Apache Tomcat 9.0.x
- JBoss 7.2.x EAP

Oracle Java Development Kit (JDK)

- 11 (minimum)
- 13 (maximum)

Open Java Development Kit (OpenJDK):

- 11 (minimum)
- 13 (maximum)

Apache Maven:

• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R36 uses Tomcat version 9.0.58.

Database Server Hardware Software See the application server requirements. We recommend that you run **Operating Systems** the database on a separate server. See Application Server requirements **Supported Databases** • MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c st If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
 Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux)
 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK) 11 (minimum) 13 (maximum) Open Java Development Kit (OpenJDK): 11 (minimum) 13 (maximum) Apache Maven: 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information. XperienCentral version R35 uses Tomcat version 9.0.55.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss 7.2.x EAP Oracle Java Development Kit (JDK) 11 (minimum) 13 (maximum) Open Java Development Kit (OpenJDK): 11 (minimum) 13 (maximum) Apache Maven: 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server

Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements
	Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.1.0 Oracle 19c If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

• Apache 2.4.x

Application Server

- Apache Tomcat 8.5.x
 - Apache Tomcat 9.0.x 1
- JBoss (Not properly tested. Use XperienCentral R34+ instead.)

Oracle Java Development Kit (JDK)

- 11 (minimum)
- 13 (maximum)

Open Java Development Kit (OpenJDK):

- 11 (minimum)
- 13 (maximum)

Apache Maven:

• 3.6.x

① Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* MariaDB 10.3 Oracle 12.2 Oracle 12.2 Oracle 12.1.0 Oracle 19c *If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.2 Oracle 19.c If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

① Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases
	 MS SQL 2019, 2017, 2016 or 2012 MySQL 5.7* Oracle 12.2 Oracle 12.1.0 Oracle 19c
	*If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation	
Hardware Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers Chrome Edge (Chromium-based) Firefox For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

• Apache 2.4.x

Application Server

- Apache Tomcat 8.5.x
 - Apache Tomcat 9.0.x
- JBoss AS 7.5 GA (6.4.5 EAP)

Oracle Java Development Kit (JDK)

- 8
- 10
- 11

Open Java Development Kit (OpenJDK):

- 8
- 11

Apache Maven:

• 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases
	MS SQL 2017, 2016 or 2012 MySQL 5.7* Oracle 12.2 Oracle 12.1.0 Oracle 19c If you want to use MySQL on AWS, you can use RDS. Aurora does not fulfill the requirements of XperienCentral.

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

⚠ Due to bugs in the Jasper compiler, GX Software strongly recommends that you do not use Apache Tomcat versions 8.5.67, 8.5.68, 9.0.47 and 9.0.48. See GXWM-38261 and BZ 65390 for more information.

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0 Oracle 19c

Workstation	
Hardware Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server
	 Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Database Server	
Hardware	Software

See the application server requirements. We recommend that you run the database on a separate server.

Operating Systems
See Application Server requirements
Supported Databases

• MS SQL 2016 or 2012
• MySQL 5.7
• Oracle 12.2
• Oracle 12.1.0
• Oracle 19c

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

- Apache 2.4.x
- Microsoft IIS 7 or newer with Jakarta ISAPI redirector

Application Server

- Apache Tomcat 8.5.x
- Apache Tomcat 9.0.x
- JBoss AS 7.5 GA (6.4.5 EAP)

Oracle Java Development Kit (JDK)

- 10 11

Open Java Development Kit (OpenJDK):

- 11

Apache Maven:

• 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0 Oracle 19c

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0 Oracle 19c

Workstation	
Hardware	Software

- Intel core i3 or better2 GB memory

- Minimum screen resolution: 1280x1024
 Recommended screen resolution: 1600x1200

Supported Browsers

- Firefox (preferred)Chrome (preferred)Edge

For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven:
	• 3.6.x

Database Server		
Hardware	Software	

See the application server requirements. We recommend that you run the database on a separate server.

Operating Systems
See Application Server requirements
Supported Databases

• MS SQL 2016 or 2012
• MySQL 5.7
• Oracle 12.2
• Oracle 12.1.0
• Oracle 19c

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

- Apache 2.4.x
- Microsoft IIS 7 or newer with Jakarta ISAPI redirector

Application Server

- Apache Tomcat 8.5.x
- Apache Tomcat 9.0.x
- JBoss AS 7.5 GA (6.4.5 EAP)

Oracle Java Development Kit (JDK)

- 10 11

Open Java Development Kit (OpenJDK):

- 11

Apache Maven:

• 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0 Oracle 19c

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0 Oracle 19c

Workstation	
Hardware	Software

- Intel core i3 or better2 GB memory

- Minimum screen resolution: 1280x1024
 Recommended screen resolution: 1600x1200

Supported Browsers

- Firefox (preferred)Chrome (preferred)Edge

For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven:
	• 3.6.x

Database Server		
Hardware	Software	

See the application server requirements. We recommend that you run the database on a separate server.

Operating Systems
See Application Server requirements
Supported Databases

• MS SQL 2016 or 2012
• MySQL 5.7
• Oracle 19c
• Oracle 19.2
• Oracle 12.2
• Oracle 12.1.0

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

- Intel Xeon E3 class CPU or equivalent
- 4 GB memory
- 30 GB free hard disk space

Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
- 30 GB free hard disk space

Operating System

- Windows 2012 or 2016 server with the latest service packs
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Web Server

- Apache 2.4.x
- Microsoft IIS 7 or newer with Jakarta ISAPI redirector

Application Server

- Apache Tomcat 8.5.x
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Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0

Workstation	
Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven:
	• 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0

Workstation

Hardware	Software
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	 Supported Browsers Firefox (preferred) Chrome (preferred) Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software
Minimal Requirements	Operating System
Minimal Requirements Intel Xeon E3 class CPU or equivalent GB memory GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent GB memory GB free hard disk space	Operating System Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven:
	• 3.6.x

Database Server	
Hardware	Software

See the application server requirements. We recommend that you run the database on a separate server.

Operating Systems
See Application Server requirements

Supported Databases

• MS SQL 2016 or 2012
• MySQL 5.7
• Oracle 12.2
• Oracle 12.1.0

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 20161 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.2 Oracle 12.1.0

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.	

Application Server	
Hardware	Software
Minimal Requirements	Operating System
 Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space 	 Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x Apache Tomcat 9.0.x JBoss AS 7.5 GA (6.4.5 EAP) Oracle Java Development Kit (JDK) 8 10 11 Open Java Development Kit (OpenJDK): 8 11 Apache Maven: 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements Supported Databases • MS SQL 2016 or 2012 • MySQL 5.7 • Oracle 12.2 • Oracle 12.1.0

Workstation	
Hardware Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.

Application Server	
Hardware	Software

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Recommended Requirements

- Intel Xeon E5 v3 class CPU or equivalent
- 8 GB memory
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Operating System

- Windows 2012 or 2016 server with the latest service packs
- UNIX (e.g. Linux)

Web Server

- Apache 2.4.x
- Microsoft IIS 7 or newer with Jakarta
- ISAPI redirector

Application Server

- Apache Tomcat 8.5.x
- JBoss AS 7.5 GA (6.4.5 EAP)

Oracle Java Development Kit (JDK)

- 8
- 10

Open Java Development Kit (OpenJDK):

• 8

Apache Maven:

• 3.6.x

Database Server	
Hardware	Software
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements
	Supported Databases
	• MS SOL 2016 or 2012

MySQL 5.7Oracle 12.1.0

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.	

GX WebManager 10 XperienCentral has been successfully tested against the configurations listed above. In most cases XperienCentral will work on newer minor versions of these software components, however GX Software cannot guarantee this.

Application Server

Hardware	Software
Minimal Requirements	Operating System
Intel Xeon E3 class CPU or equivalent4 GB memory30 GB free hard disk space	Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server
Recommended Requirements	Web Server
	Apache 2.4.x
Intel Xeon E5 v3 class CPU or equivalent8 GB memory	Microsoft IIS 7 or newer with Jakarta ISAPI redirector
 30 GB free hard disk space 	Application Server
	 Apache Tomcat 8.5.x JBoss AS 7.5 GA (6.4.5 EAP) IBM WebSphere 8.5.5
	Oracle Java Development Kit (JDK)
	• 8
	• 10
	Open Java Development Kit (OpenJDK)
	• 8
	Apache Maven
	• 3.6.x

Database Server		
Hardware	Software	
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems See Application Server requirements	
	Supported Databases	
	 MS SQL 2016 or 2012 MySQL 5.7 Oracle 12.1.0 	

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Internet Explorer • Edge For all supported browsers, the newest available version has been tested and is recommended.	

Application Server		
Hardware	Software	
Minimal Requirements	Operating System	
Intel Xeon E3 class CPU or equivalent 4 GB memory 30 GB free hard disk space Recommended Requirements Intel Xeon E5 v3 class CPU or equivalent 8 GB memory 30 GB free hard disk space	Windows 2012 or 2016 server with the latest service packs UNIX (e.g. Linux) Web Server Apache 2.4.x Microsoft IIS 7 or newer with Jakarta ISAPI redirector Application Server Apache Tomcat 8.5.x JBoss AS 7.5 GA (6.4.5 EAP) IBM WebSphere 8.5.5 Oracle Java Development Kit (JDK) 8 10 Open Java Development Kit (OpenJDK): 8 Apache Maven:	

Database Server		
Hardware	Software	
See the application server requirements. We recommend that you run the database on a separate server.	Operating Systems	
	See Application Server requirements	
	Supported Databases	
	MS SQL 2016 or 2012MySQL 5.7Oracle 12.1.0	

Workstation		
Hardware	Software	
 Intel core i3 or better 2 GB memory Minimum screen resolution: 1280x1024 Recommended screen resolution: 1600x1200 	Supported Browsers • Firefox (preferred) • Chrome (preferred) • Edge For all supported browsers, the newest available version has been tested and is recommended.	

For XperienCentral versions 10.22.0 and earlier, see Hardware and Software Requirements (XperienCentral Customer portal).