

# FileOrbis System Requirements

## App Server System Requirements

<b>Operating System</b>	Windows Server 2016 Windows Server 2019
<b>Database</b>	MS SQL Server 2016, RTM, SP1, SP2 MS SQL Server 2017, RTM MS SQL Server 2019, RTM
<b>Processor</b>	4-core or greater recommended. Based on local SQL Server install and user count increase required.
<b>Physical Memory</b>	Minimum 8 GB RAM, 16 GB or more recommended. Based on local SQL Server install and user count increase required.
<b>Disk</b>	Minimum 150 GB available storage. SSD recommended. Secondary Disk partition ( e.g F,D,E ..Z ) required for FileOrbis User profiles.  CIFS and UNC Paths can be used for this purpose too. SSD Recommended. The size of this storage depends on the total user's quota size.

**i Info**

FileOrbis is going to use SQL Server Authentication as an authentication method to connect to the SQL Server, thus SQL Server has to be configured in mixed mode.

**i Info**

SQL Server user must have Table CREATE and UPDATE permissions.

**i Info**

Existing SQL Server infrastructure can be used, also SQL Server can be placed in the same server as App server.

**i Info**

Express, Standart, Enterprise versions are supported.

Network Requirements					
	Source	Destination	Port	Direction	Description
	User's Network	App Server	80 or 443	One direction	TCP 80 or 443(if HTTPS used) ports need to be accessible from users to the App server.
	App Server	SMTP Server	25 or 587	One direction	For SMTP configuration TCP 25 or 587 ports must be open from the App server to the SMTP server.
	App Server	MS SQL Server	1433	One direction	TCP 1433(or custom port defined) port needs to be accessible from App server to MS SQL server.
Optional (if editor server used)	App Server	Editor Server	80 or 443	Bi-directional	TCP 80 or 443(if HTTPS used) ports need to be open between the App server and Editor server.
Optional (if editor server used)	User's Network	Editor Server	80 or 443	One direction	TCP 80 or 443(if HTTPS used) ports need to be open from User networks to the Editor server

**i Info**

To use the HTTPS protocol, an SSL certificate must be imported to the server.

**Active Directory and SMTP Requirements**

App Server must be a member of the Active Directory domain.

Active Directory service user required for AD query. The user's password needs to be set to "never expire". The service user must be able to read user attributes.

SMTP relay or E-mail account required for SMTP settings.

**DMZ Server System Requirements (Optional):**

<b>Operating System</b>	Windows Server 2016 Windows Server 2019
<b>Processor</b>	2-core or greater recommended. Based on the user count increase required.
<b>Physical Memory</b>	Minimum 4 GB RAM, 8 GB, or more recommended. Based on the user count increase required.
<b>Disk</b>	Minimum 50 GB available storage. SSD recommended.

**Network Requirements**

Source	Destination	Port	Direction	Description
App Server	DMZ Server	80 or 443	Bi-directional	TCP 80, 443(if HTTPS used) port must be open bi-directionally between the App server and DMZ server.
External Network	DMZ Server	80 or 443	One direction	TCP 80, 443(if HTTPS used) port must be open from the External network to the DMZ server.

**i Info**

DMZ server does not have to be an Active Directory domain member.