

# ACR Connect Windows System Requirements



Connect Windows		
	Minimum	Recommended
OS	Windows Server 2016	Windows Server 2019 or Later
CPU	Intel Xeon or equal	Intel Xeon or equal
# of Cores	4	8
RAM	16 GB RAM	32GB
Local storage	150 GB	500 GB
GPU	Not Required	Not Required
Pre-requisites	<p>All the below pre-requisites are automatically installed as part of Connect Express installation and removed when Connect Express is uninstalled.</p> <p>They are self-contained and are automatically upgraded as part of Connect Express upgrades to maintain compatibility.</p> <ul style="list-style-type: none"> <li>• <b>MariaDB</b> is an open-source relational database system used to store data for all the apps and services for executing the workflows.</li> <li>• <b>RabbitMQ</b> is an open-source message broker used for event logging and messaging mechanism by the apps and services running on Connect.</li> <li>• <b>OpenSSL Light</b> is an open source utility used by the Connect platform full-strength general purpose cryptography capabilities to provide encryption keys for use with MariaDB.</li> <li>• <b>Microsoft Visual C++ Redistributable for Visual Studio 2015-2022</b> installs run-time components of Visual C++ libraries is a dependency of MariaDB, OpenSSL Light</li> <li>• <b>Erlang</b> is a programming language used to build massively scalable soft real-time systems with requirements on high availability and is a dependency of RabbitMQ</li> <li>• <b>Chocolatey</b> is a package manager packages Connect Express software for download and install.</li> </ul>	

## Network requirements:

	Requirement	Description
Ports (DICOM)	9091 - 9100	Default ports used for DICOM communications at the site These ports can be configured as needed by Connect administrator at the site.
Ports (Internet Access)	443	Port used to communicate with ACR for registration, upgrades, and any data exchange for any of the applications
Network Speed	100 Mbps or more	Minimum network speed to communicate on the internet and locally at the site

## Ports:

Service	Host Port (or Range) (All TCP)	External access (Allow through firewall)?
Gateway Service	443	Yes
Gateway Service	80	No
DICOM Service	9090-9100	Yes
Kestrel Static	5000	No
Homepage Service	5001	No
Data Manager Service	5002	No

DICOM Service	5003	No
Event Logger Service	5004	No
Dicom Imaging Service	5005	No
Dicom Anonymization Service	5006	No
Master Id Index Service	5007	No
MariaDB	3306	No
RabbitMQ	5672	No
RabbitMQ	15672	No
DIR Service	5092	No