

# Supported Operating Systems And Relational Database Servers For Niagara Installations Below 4.9

**Date:** July 10, 2020

**Notes Type:** PC Operating Systems for Niagara Installations Below N4.9

**Notes:** Operating Systems Information on N4.9 and future releases may be found on docs.niagara-community.com. Search for Supported Operating Systems

**Revision:** All

## OS Versions

This document serves as a reference of supported operating systems that can run the Niagara software as well as third party relational database servers that can integrate with Niagara. Refer to this document when planning new projects that will require a Web Supervisor station, a SoftJACE station, or an engineering station. Anything marked with 'Y' means that this was a tested configuration. Items marked with 'N' mean that this configuration was not tested by Tridium, so it is unknown if you will encounter problems.

Operating System	AX 3.8	AX 3.8U1	AX 3.8U2	AX 3.8U3	AX 3.8U4	AX 3.8U5	AX Tunnel Clients	N4.1	N4.2	N4.3	N4.4	N4.6	N4.7	N4.8
Red Hat Enterprise Linux 5.2 (64-bit)	N	Y	N	N	N	N	N	N	N	N	N	N	N	N
Red Hat Enterprise Linux 6.1 (64-bit)	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
Red Hat Enterprise Linux 6.5	N	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N
Red Hat Enterprise Linux 7 (64-bit)	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N
Red Hat Enterprise Linux 7.4 (64-bit)	N	N	N	N	N	N	N	N	N	N	Y	N	N	N
Red Hat Enterprise Linux 7.5 (64-bit)	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
Windows XP Professional (SP3) (32-bit)	Y	N	N	N	N	N	N	Y	N	N	N	N	N	N
Windows XP Professional (SP3) (64-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Vista Business/Enterprise/Ultimate (SP2) (32-bit)	N	N	N	N	N	N	N	Y	N	N	N	N	N	N
Windows Vista Business/Enterprise/Ultimate (SP2) (64-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2003 Standard/Enterprise (SP2) (32-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2003 Standard/Enterprise (SP2) (64-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2003 R2 Standard/Enterprise (SP2) (32-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2003 R2 Standard/Enterprise (SP2) (64-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2008 Standard/Enterprise (SP2) (32-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2008 Standard/Enterprise (SP2) (64-bit)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Windows Server 2008 R2 Standard/Enterprise (SP2) (64-bit)	N	N	N	N	N	N	N	N	Y	N	N	N	N	N
Windows Server 2012 Standard/Enterprise (SP2) (64-bit)	Y	N	N	N	N	N	N	N	Y	N	N	N	N	N
Windows Server 2012 R2 Standard/Enterprise (SP2) (64-bit)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	N

Windows Server 2016			N	N	Y	Y	Y	Y	N		N	N	Y	Y	Y	Y	Y
Windows Server 2019			N	N	N	N	N	N	N		N	N	N	N	N	N	Y
Windows 7 Professional/Enterprise/Ultimate (32-bit)			Y	Y	Y	Y	N	N	Y		Y	Y	Y	Y	N	Y	Y
Windows 7 Professional/Enterprise/Ultimate (32-bit) (XP mode)			N	N	N	N	N	N	N		N	N	N	N	N	N	N
Windows 7 Professional/Enterprise/Ultimate (64-bit)			Y	Y	Y	Y	N	N	N		Y	Y	Y	Y	N	Y	Y
Windows 7 Professional/Enterprise/Ultimate (64-bit) (XP mode)			N	N	N	N	N	N	N		N	N	N	N	N	N	N
Windows 8 Professional/Enterprise/Ultimate (32-bit)			Y	N	N	N	N	N	N		Y	N	N	N	N	N	N
Windows 8 Professional/Enterprise/Ultimate (64-bit)			Y	Y	N	N	N	N	N		Y	N	N	N	N	N	N
Windows 8.1 Professional/Enterprise/Ultimate (32-bit)			N	Y	Y	Y	Y	N	N		N	Y	Y	Y	Y	Y	Y
Windows 8.1 Professional/Enterprise/Ultimate (64-bit)			Y	Y	Y	Y	Y	N	N		Y	Y	Y	Y	Y	Y	Y
Windows 10(64-bit)			Y	Y	Y	Y	Y	N	N		Y	Y	Y	Y	Y	Y	Y
Windows 10(32-bit)			Y	Y	Y	Y	N	N	N		Y	Y	Y	Y	N	N	N
VMware Server 2			N	N	N	N	N	Y	N		N	N	N	N	N	N	N
VMware - ESXi 5.1.0			Y	N	Y	Y	Y	N	N		N	Y	Y	Y	Y	Y	Y
VMware - ESXi 5.5			N	Y	N	N	N		Y		N	N	N	N	N	N	
VMware - ESXi 6.0			N	Y	N	N	N	Y	N		N	N	N	N	N	N	Y
Microsoft Virtual Server 2008			Y	N	N	N	N	Y	N		N	N	N	N	N	N	N
Hyper-V 6.1			N	Y	Y	Y	N	N	N		Y	Y	N	N	N	N	N
Hyper-V version 10.0			N	N	N	N	N	N	N		N	N	Y	Y	N	N	N
Microsoft Server 2012 Hyper-V			N	N	N	N	N	N	N		N	N	N	N	Y	N	N

Relational Database Server	AX 3.8	AX 3.8U1	AX 3.8U2	AX 3.8U3	AX 3.8U4	AX 3.8U5	N4.1	N4.2	N4.3	N4.4	N4.6	N4.7	N4.8
MSDE 2000	N	N	N	N	N	N	N	N	N	N	N	N	N
MS SQL Server 2000	N	N	N	N	N	N	N	N	N	N	N	N	N
MS SQL Server 2005/2008	Y	N	N	N	N	N	N	N	N	N	N	N	N
MySQL Server 5.1.61	N	N	N	N	N	N	N	N	N	N	N	N	N
MySQL Server 5.6	Y	Y	N	N	N	N	Y	N	N	N	N	N	N
MySQL Server 5.7	N	N	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y
MySQL Server 8.0	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
Oracle 9i/10g	Y	N	N	N	N	N	N	N	N	N	N	N	N
Oracle Express 11g	N	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y
DB2 8.1	N	N	N	N	N	N	N	N	N	N	N	N	N
HSQL (JACE Only)	Y	N	N	N	N	N	N	N	N	N	N	N	N
MS SQL Server 2012	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
MS SQL Server 2014	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
MS SQL Server 2016	N	N	N	Y	N	N	N	N	Y	Y	Y	Y	Y

#### **Note**

1. With the exception of HSQL, the above database types are only supported for use with a Web Supervisor station. An embedded JACE can only be licensed to use an HSQL database.
2. BACnet/Ethernet is not supported on Linux AX Supervisor
3. BACnet/Ethernet is not supported on Linux N4 Supervisor versions 4.1 to 4.8