

AVEVA™ InTouch 2020 : System Requirements

This section describes the hardware and software requirements to support System Platform products, including InTouch HMI.

Hardware Requirements

System Sizing Guidelines

The following table provides guidelines for hardware configurations suitable for System Platform 2020 software based on the size of the installation. These guidelines are subject to the limitations of your Windows operating system.

- The Intel Itanium 2 processor is not supported.
- We recommend 1280 x 1024 as the minimum display resolution for engineering tools such as the Integrated Development Environment (IDE).
- A Windows Server operating system is required for large installations with more than 50,000 I/O per node.
- SQL Server Express is not supported for installations with more than 25,000 I/O per node (small installations only).

Hardware Requirement	Small Installation (1 - 25K I/O per Node)	Medium Installation (25k - 50k I/O per Node)	Large Installation (More than 50k I/O per Node)
CPU Cores (Minimum) ¹	Greater than or equal to 2	Greater than or equal to 4	Greater than or equal to 8
RAM ¹ (GB)	Greater than or equal to 4	Greater than or equal to 8	Greater than or equal to 16
Storage (GB) ²	Greater than or equal to 30	Greater than or equal to 500	Greater than or equal to 1000
Network (Mbps)	Greater than or equal to 100	Greater than or equal to 1000	Greater than or equal to 1000

Software Requirements

Windows operating systems and SQL Server versions may impose hardware requirements that exceed the minimum requirements for InTouch HMI 2020. Refer to the following Microsoft Web pages for Windows and SQL Server hardware requirements:

- [Windows Server 2016 System Requirements](#)
- [Windows Server 2012 R2 System Requirements](#)
- [Windows Server 2012 System Requirements](#)
- [Windows 10 System Requirements](#)
- [Windows 8.1 System Requirements](#)

64-bit Operating System and SQL Server Now Required

With the release of System Platform 2020, a 64-bit operating system and SQL Server version are now required for all System Platform core products: Application Server, InTouch OMI, InTouch HMI, and the Historian.