



# Nextgen 6.2021.1 Upgrade Hardware Requirements

## 6.2021.1 Hardware Requirements

This document outlines the minimum hardware requirements needed to support NextGen Version 6.2021.1. It is extremely important that you review and/or share these requirements with your IT Staff to verify that all hardware requirements are met before TSI Healthcare can move forward with the Upgrade to Version 6.2021.1 project.

### Database Server Requirements:

- SQL Server 2016 or SQL Server 2017
- Window Server 2016
- .Net Framework 4.8
- Memory Requirements based on user counts

Number of Users	SQL Server Memory Requirements
1-50 Users	24 GB RAM
50-100 Users	32 GB RAM
100-500 Users	64 GB RAM
500-1500 Users	128 GB RAM (Enterprise Edition Required)
1500-2500 Users	256 GB RAM (Enterprise Edition Required)
2500-5000 Users	512 GB RAM (Enterprise Edition Required)

### SQL Server Raid Requirements Based on Users:

Number of Users	SQL Server RAID requirements
< 50 Users	RAID 5
50 Users or more	RAID 10

**SQL Server CPU Requirements:**

Number of Users	Operating CPU Requirements
< 26 Users	8 Core –server grade processor supported by Intel
26-200 Users	12 Core –server grade processor supported by Intel
200-500 Users	16 Core –server grade processor supported by Intel
500-1000 Users	24 Core –server grade processor supported by Intel

**Workstation Requirements:**

- Windows 8.1, Windows 10
- .NET Framework 4.8
- Intel Core i5 or greater processor
- 4GB+ RAM
- 250 GB disk space free
- Gigabit Ethernet
- 150 Kbps bandwidth per concurrent user on fat client with scanner

**Interface Server Requirements:**

- Windows Server 2016
- .NET Framework 4.8
- 8GB RAM
- 200 GB disk space free
- Supported Intel 2ghz or higher processor
- Gigabit Ethernet

**New Patient Portal (XPX) Server Requirements:**



- Must be a separate/stand-alone server for testing
- Windows Server 2016 or 2019
- .NET Framework 4.8
- 8GB RAM
- 200 GB disk space free
- Supported Intel 2ghz or higher processor
- Gigabit Ethernet



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## Terminal Server Requirements:

- Windows Server 2016
- 2 GB disk space for local client install
- 146gb RAID1 mirrored 15K drives or greater recommended
- Expected Ram Usage per Application:
  - 130MB per EPM user
  - 170MB per EHR user
  - 140MB per ICS user
  
- Average CPU Usage per Application (% of Single Core)
  - 3.9% per EPM user
  - 4.49% per EHR user
  - 48% per ICS user

Practice Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Hardware Status:

I verify that I have reviewed the NextGen Version 6.2021.1 Hardware Requirements and confirm that our practice's hardware **DOES** meet the minimum specifications.

Person Completing This Form: \_\_\_\_\_ Email: \_\_\_\_\_

Client IT Contact: \_\_\_\_\_ Email: \_\_\_\_\_

I verify that I have reviewed the NextGen Version 6.2021.1 Hardware Requirements, but our practice's hardware **DOES NOT** currently meet minimum specifications. I understand that our hardware will need to be brought up to minimum requirements before TSI Healthcare can move forward with the Upgrade to Nextgen Version 6.2021.1 project.

Person Completing This Form: \_\_\_\_\_ Email: \_\_\_\_\_

Client Target Date to meet hardware specifications: \_\_\_\_\_

If you have any questions regarding the Hardware Requirements for 6.2021.1, please contact the TSI Help Desk at [helpdesk@tsihealthcare.com](mailto:helpdesk@tsihealthcare.com) or 1-800-354-4205.