

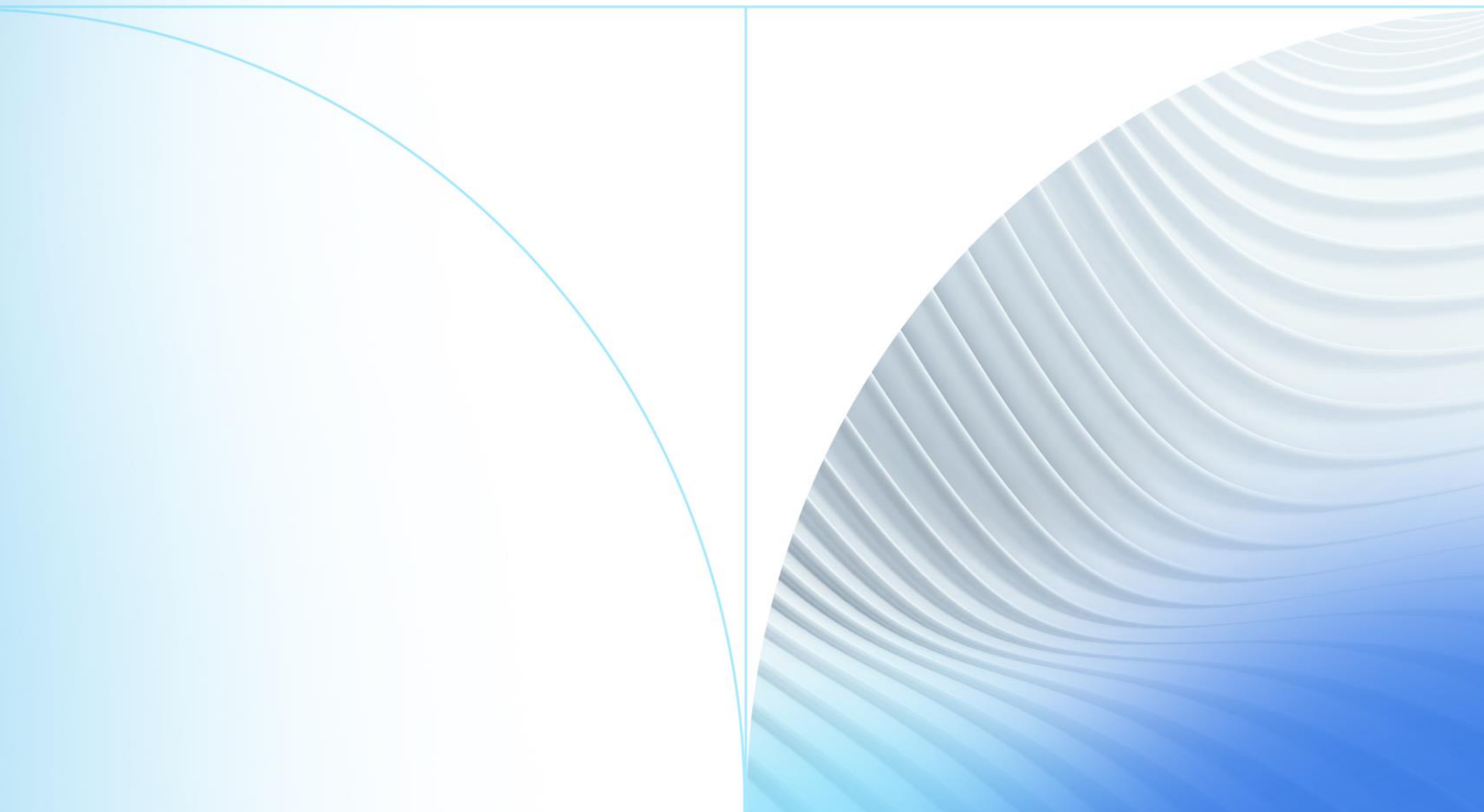


Financial Performance

PROFITstar, PROFITability, PROFITstar Suite, and PROFITstar Portfolio

Release 2018

System Requirements



© 1999–2023 Jack Henry & Associates, Inc.

All rights reserved. Information in this document is subject to change without notice. Dates contained in this document are provided as estimates only and can be changed at any time at the sole discretion of Jack Henry & Associates, Inc.

Printed in the United States of America.

No part of this document may be copied, reproduced, stored in a retrieval system, displayed, distributed or transmitted in any form or any means whatsoever (electronic, mechanical or otherwise), including by photocopying or recording for any purpose, without the prior written permission of Jack Henry & Associates, Inc. Making unauthorized copies of this document for any purpose other than your own personal use is a violation of United States copyright laws.

Any unauthorized use of Jack Henry & Associates, Inc.'s, trademarks and service marks is strictly prohibited. A list of registered and unregistered marks owned or licensed by Jack Henry & Associates, Inc. is located at: <https://www.jackhenry.com/more-from-jha/pages/trademark-notice.aspx>.

Various other trademarks and service marks used or referenced in this document are the property of their respective owners.

Recommendations for Hardware Sizing	1
Requirements for Server Machines.....	1
Profitstar Server	1
SQL Server	2
Requirements for Client Machines	3
Appendix 1 – SQL Express.....	4
Some SQL Express Limitations.....	5
SQL Server Management Studio.....	5
Appendix 2 – Related Links.....	6
PROFITstar®, PROFITability®, Profitstar Suite™, PROFITstar® Portfolio	6
PROFITstar’s Hosted Budget Manager.....	6

Recommendations for Hardware Sizing

Significantly improved performance may be achieved by following these hardware recommendations:

<http://profitstarhelp.jackhenry.com/dev/HardwareRecommendations.pdf>

Requirements for Server Machines

Profitstar Server	
Operating System	Windows Server® 2016 or Windows Server 2019.
Other Required Software	Microsoft® .NET® Framework, version 4.5.
CPU	2.0 GHz or faster recommended (as are multiple processors).
RAM	8 GB RAM minimum (16 GB or more recommended).
Network	100 Mbps network adapter (1000 Mbps recommended; teamed adapters are also recommended).
WANs	WAN environments are not supported. For best performance, the Profitstar Server should be housed on the same Local Area Network as the Profitstar Client machines.
2012 Data Conversion	The Profitstar Server must be installed on the machine where the 2012 data and Advantage Server currently reside.

SQL Server

PROFITstar programs should have their own instance of SQL. Refer to the Installation Guides for more information. (See the [Appendix 2](#).)

When thinking about SQL servers, please consult the *SQL Best Practices for the Application* in [Appendix 7](#) of our [recommended hardware guide](#).

Supported SQL Server Versions and Editions	SQL Server® 2014, 2016, 2017, or 2019: Express*, Standard, Enterprise, or Business Intelligence editions. The following SQL Server Services must be set to start automatically: <ul style="list-style-type: none">• Database Engine• SQL Server Browser
Operating System	Windows Server® 2016 or Windows Server 2019.
CPU	2.0 GHz or faster recommended (as are multiple processors).
RAM	8 GB RAM minimum (16 GB or more recommended).
Network	100 Mbps network adapter (1000 Mbps recommended; teamed adapters are also recommended).
Cloud/Hosted SQL Servers	Cloud/Hosted SQL servers are not supported. For best performance, a Local Area Network is the recommended solution.

* During the Profitstar Server installation, the program verifies whether an instance of SQL Server is installed on the targeted server. If not, the installer adds a few steps to determine if it should install SQL Express.

Refer to [Appendix 1](#) for more detailed SQL Express information, including a list of limitations.

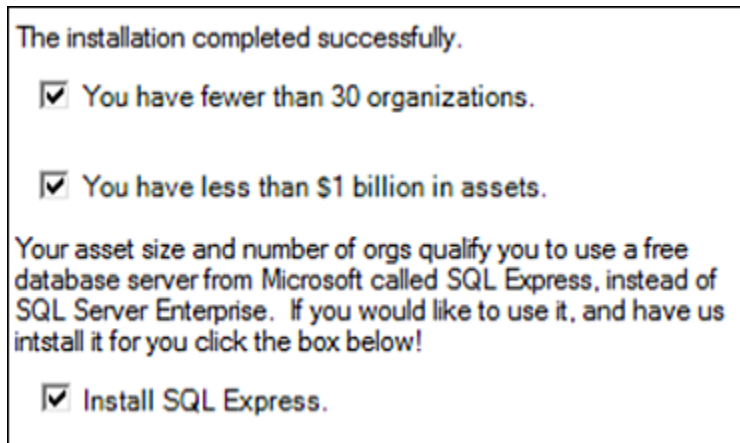
Requirements for Client Machines

Operating System	Windows® 8.1 (desktop mode only), Windows® 10 (desktop mode only), or Windows® 11 (desktop mode only).
Other Required Software	Microsoft® .NET® Framework, version 4.5.
CPU	1 GHz or faster processor.
RAM	4 GB minimum. 8 GB or more recommended.
Network	100 Mbps network adapter (1000 Mbps recommended).
Microsoft® Surface and Other Tablet Devices	The use of full Windows® operating systems is recommended. Certain graphics hardware, found in many Surface and tablet devices, is not supported.

Appendix 1 – SQL Express

The 2018 Profitstar Server installer installs the free Microsoft® SQL Server® Express database server for you, if all the following statements are true:

- No instance of SQL Server is installed on the targeted server.
- You indicate that your institution has fewer than 30 organizations and less than \$1 billion in assets.
- You choose to install SQL Express.



When you select the **Install SQL Express** check box and click **Next** at the bottom of the **SQL Express** page of the installer, the SQL Express installation runs, without any intervention required.

Some SQL Express Limitations

- The SQL Express database engine only supports up to 10 GB per database. (By comparison, SQL Server Enterprise supports databases up to 524,000,000 GB.)
- With the maximum number of cores limited to 4 and the maximum memory per database limited to 352 MB, you shouldn't install more than one database per server. When you are running SQL Express, upgrading your server will not increase performance.
- Since it does not include SQL Agent, tasks like scheduling backups cannot be automated.

To compare the features and limitations of the SQL Server 2017 editions, follow this link:

<https://docs.microsoft.com/en-us/sql/sql-server/editions-and-components-of-sql-server-2017?view=sql-server-2017>

SQL Server Management Studio

If your institution will be using SQL Express, you should also download and install SQL Server Management Studio (SSMS), from:

<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-2017>

This is a separate and free software installation. SSMS 17.x works with any older versions of SQL Server and is useful for problem solving and other purposes.

Appendix 2 – Related Links

PROFITstar®, PROFITability®, Profitstar Suite™, PROFITstar® Portfolio

The most current version of these system requirements

<http://profitstarhelp.jackhenry.com/dev/CurrentSysReq.pdf>

Complete installation instructions containing 2012 data conversion information

<http://profitstarhelp.jackhenry.com/dev/2018DataConversionInstall.pdf>

Installation instructions for existing 2014 and later clients

<http://profitstarhelp.jackhenry.com/dev/2018NoConversionInstall.pdf>

Installation instructions for new clients

<http://profitstarhelp.jackhenry.com/dev/2018NewInstall.pdf>

Hardware recommendations

<http://profitstarhelp.jackhenry.com/dev/HardwareRecommendations.pdf>

Release notes

<http://profitstarhelp.jackhenry.com/dev/2018ReleaseNotes.pdf>

PROFITstar's Hosted Budget Manager

System requirements

<http://profitstarhelp.jackhenry.com/dev/CurrentBudgetManagerSysReq.pdf>