

# System requirements for QuickBooks 2019 and Enterprise Solutions 19.0

System requirements provides you the information needed to ensure your computer hardware, software, and operating system meet the minimum requirements for your version of QuickBooks Desktop.

## QuickBooks Pro/Premier 2019 and Enterprise 19.0

### Operating Systems

- **Windows 10**, all editions including 64-bit, natively installed<sup>1</sup>
- **Windows 8.1 (Update 1)** all editions including 64-bit, natively installed
- **Windows 7 SP1** all editions including 64-bit, natively installed
- **Windows Server 2016**
- **Windows Server 2012 R2**
- **Windows Server 2011**, Standard and Essentials
- **Windows Server 2008 R2 SP1**

### Database Servers

- **Windows:** Windows Server 2016, Windows Server 2012 R2, Windows Server 2011, Windows Server 2008 R2 SP1, Windows 10, Windows 8.1 (update 1) or Windows 7 SP1 (Enterprise and Professional editions only), natively installed.
- **Linux:** When using QBES Database Server-only installation – OpenSuse 42.3, Fedora 27, Red Hat Enterprise 7 (RHEL 7.4)

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<sup>1</sup>Natively installed means it was installed on a particular system or environment that it was designed for. This also means that it doesn't need to run in a virtual environment or emulation software.

### Browser Requirement

- Internet Explorer 11 (32-bit)

### Hardware and Operating system requirements (client and server)

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| <b>Processor</b> | 2.4 GHz minimum  |
| <b>RAM</b>       | 4GB minimum, 8GB Recommended<br>Server RAM Requirements <ul style="list-style-type: none"><li>• 1-5 Users: 8GB RAM</li><li>• 10 Users: 12GB RAM</li><li>• 15 Users: 16GB RAM</li></ul> |



- Contact Synchronization with Microsoft Outlook requires Outlook 2010 (32-bit)
- Synchronization with Outlook requires [QuickBooks Contact Sync for Outlook](#) (the download is available at no charge). Contact Sync does not work with the Microsoft Business Contact Manager Outlook plug-in. If a sync is performed, duplicate records could result
- QuickBooks Point of Sale V18.0 and V12.0 (applies to US only)
- TurboTax 2018 (Personal and Business)
- Lacerte 2018 and 2017 (applies to US only)
- Pro-Series tax years 2017 and 2016 (applies to US only)
- Quicken 2018, 2017, 2016
- QuickBooks for Mac 2016 (applies to US only)
- Adobe Acrobat Reader: Business Planner, Payroll and viewing forms require Adobe Acrobat Reader 9.0 or later.
- Payroll and other online features and services requires Internet access with at least a 56 Kbps connection speed, 1Mbps recommended. (DSL or cable modem recommended).
- Gmail, Yahoo Email, Windows Mail, Hotmail and AOL (i.e Mozilla Thunderbird Email Client\*)  
**Note:** \*Supports plain text version in Mozilla.
- Internet Explorer 11

#### Firewall and antivirus software compatibility

QuickBooks Pro/Premier 2019 and Enterprise 19.0 have been tested with the following firewall and antivirus products.

**Note:** In some cases, it may be necessary to adjust settings in these products to ensure the best possible performance with QuickBooks.

- Windows Server Firewall (all editions)
  - Windows 8.1 Firewall (all editions)
  - Windows 7 Firewall (all editions)
  - Microsoft Security Essentials
  - Avast
  - AVG
  - Symantec
  - ESET
  - Avira
  - Kaspersky
  - McAfee
  - Bitdefender
  - Malwarebytes
- Note:** QuickBooks will work with systems running RAID (Redundant Array of Inexpensive Disks) but this is not recommended because performance issues may cause QuickBooks to operate slowly.

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| <b>.Net Framework</b> | <p>The .Net version will need to be 4.6 or greater. Please update to a later version of .Net as needed.</p> <ol style="list-style-type: none"> <li>1. Download .NET Framework from the <a href="#">Microsoft's website</a>.</li> <li>2. Save the file to your desktop, then double-click the file and follow the instructions on the screen to install.</li> <li>3. Reboot after the installation.</li> <li>4. If you encounter any errors while installing .NET Framework, please contact a qualified IT professional or <a href="#">Microsoft</a>.</li> </ol> |
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QuickBooks Desktop 2019 requires the internet security protocol TLS 1.2 for the connected services to work smoothly. See [Operating System, Internet Explorer, and .Net framework requirements for QuickBooks Desktop 2016 and later](#) for more information.