Recommended System Configurations

Note: The recommended requirements apply to environments where E2 is used in conjunction with CenterPoint Payroll, QuickBooks, Crystal Reports and other third party software.

Workstations

- Windows 10 Pro, 8 Pro, 7 Pro or Vista Business
- 2.5 GHz Processor (32-bit and 64-bit)
- 2 GB RAM
- 1+ GB free space.
- 800 X 600 resolution or greater
- 100 Mb wired network connection
- Internet connection for product updates and high-level support

Server

- Windows Server 2012 R2 Essentials or better
  Windows Server 2012 Essentials or better
  Windows Small Business Server 2011
  Windows Server 2008 R2 Standard
  Windows Server 2008 Standard or Small Business Server
  Windows 2003 R2 Server Standard or Small Business Server
- 1.8 GHz Dual Core Processor (32-bit and 64-bit)
- 4 GB RAM
- 5+ GB free space
- 800 x 600 resolution or greater
- 100 Mb wired network connection
- SAS hard drives in a RAID5 Configuration or SSD hard drives
- Internet connection for product updates and high-level support
- Backup method capable of handling entire E2 directory and databases
- Shoptech recommends using Microsoft SQL Server 2014, 2012, 2008 R2, 2008, or 2005 for your database.

The items listed above are recommended requirements. You will get better performance by enhancing any area of the recommendations above. Also, we encourage you to work with someone who knows your network and understands the whole scope of your business when making hardware requirement decisions.

Minimum System Requirements

Note: The minimum requirements apply to environments where E2 operates without the use of third party software.

Workstations

- Windows 10 Pro, 8 Pro, 7 Pro or Vista Business
- 1.2 GHz Processor (32-bit and 64-bit)
- 1 GB RAM
- 1+ GB free space.
- 800 X 600 resolution or greater
- 100 Mb wired network connection
- Internet connection for product updates and high-level support

Server

- Windows Server 2012 R2 Essentials or better
  Windows Server 2012 Essentials or better
  Windows Small Business Server 2011
  Windows Server 2008 R2 Standard
  Windows 2008 Server Standard or Small Business Server
  Windows 2003 R2 Server Standard or Small Business Server
- 1.2 GHz Processor (32-bit and 64-bit)
- 2 GB RAM
- 5+ GB free space
- 800 x 600 resolution or greater
- 100 Mb wired network connection
- SATA2 or SAS hard drives in a RAID Configuration or SSD Drives
- Internet connection for product updates and high-level support
- Backup method capable of handling entire E2 directory and databases
- Shoptech recommends using Microsoft SQL Server 2014, 2012, 2008 R2, 2008, or 2005 for your database.

__The items listed above are recommended requirements. You will get better performance by enhancing any area of the recommendations above. Also, we encourage you to work with__

Additional Hardware Requirements
Remote Access

When accessing E2 from a remote location, you must run E2 in a terminal emulation environment. Terminal emulation, such as Windows Remote Desktop, GoToMyPC.com and other services are fully supported. For multiple remote access users, Shoptech recommends installing Remote Desktop Services for Windows. Shoptech supports VPN only in the case of running E2 Data Collection for remote data collection terminals. VPN alone is not supported for any other program.

< 5 Users
- Remote Desktop Services could be installed on a server that provides additional services
- 1.8 GHz Dual Core Processor
- 4 GB RAM or better (would recommend maximum amount of RAM that server will support)
- 800 x 600 resolution or greater
- SATA2 or SAS hard drives in a RAID Configuration or SSD Drives
- 1+ GB free space
- 100 Mb wired network connection recommended

> 5 Users
- Remote Desktop Services should be installed on a server dedicated to it.
- 1.8 GHz Dual Core Processor
- 4 GB RAM or better (would recommend maximum amount of RAM that server will support)
- 800 x 600 resolution or greater
- SATA2 or SAS hard drives in a RAID Configuration or SSD Drives
- 1+ GB free space
- 100 Mb wired network connection recommended

Additional Hardware Requirements

Backend Database

Shoptech supports both Access and Microsoft SQL Server database formats. The number of users, database size and environment are all factors to be considered when choosing your database type.

Access

Shoptech recommends shops with 9 or fewer users, database of 500 MB or less and a well-maintained network to consider Access. E2 utilizes system files built into Windows to work with an Access database. There is no need to purchase Microsoft Access for the E2 Shop System to work properly.

SQL Server Database

Shoptech recommends Microsoft SQL Server as the backend database for any size shop because of its superior reliability, security and functionality. Please contact your Network Consultant for purchasing options. Shoptech supports the Express, Workgroup, Standard and Enterprise editions of Microsoft SQL Server 2014, 2012, 2008R2, 2008 and 2005. SQL Server software must be purchased in addition to the E2 Shop System Enterprise Edition. Shoptech does not sell SQL Server software.

When considering the free version of SQL Server called Express edition, please note that it is not right for every scenario. Express edition will only address 1 GB of system memory which may be a bottleneck for good performance.

*Note: The Express Editions should only be used with systems of 5 connections or less. Connections would be the number of software talking to the SQL Server at any one time. If one computer has E2, Quick View and PC Data Collection running, that is 3 connections.

Remote Data Collection

When running 2 or more hardware data collection terminals from a remote location, E2 does require a VPN. Please contact your Sales Associate or Shoptech Support for more information regarding this.

RedWing CenterPoint

RedWing does not recommend installing their software on a domain controller server. They recommend installing their software on a member server or on the workstation of the person responsible for payroll. If your install requires installing CenterPoint on a domain controller, contact Shoptech Software support for more information.