THE EDGE®

System Requirements

v.17.3

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Introduction

Almost any new PC you can buy today will be more than adequate for running The Edge. It is best to find a local computer technician to do your PC and network setup.

Hardware Requirements

Here are the hardware requirements to run The Edge software.

Operating System

Windows 95/98/ME/2000/RT/Vista/XP/Windows Server 2003 are <u>not</u> supported.

If you're using a tablet workstation, be sure it is running a full version of Windows; for example run Windows 10 rather than Windows RT.

For MSSQL Databases

If you're running a SQL database, we recommend the following.

For the server:

- A dedicated computer or server to host your data.
- Windows 7 Professional or higher. A server operating system, e.g., Windows Server 2008R2, will work, but The Edge does not require a server operating system.

For workstations:

- Windows 7 or higher.

For MS Access Databases

Compatible with the following versions of Microsoft Windows (32- or 64-bit):

- Windows 10
- Windows 8 or 8.1
- Windows 7 Home SP1*/Professional SP1 (Microsoft is no longer providing mainstream support. Security updates are available until 2020.)
- Windows Server 2008 R2 and 2012 R2.

*Integrated e-mail support not available on these versions.

Processor

Quad-core x64 architecture 2 GHz CPU or higher such as AMD Opteron or Intel Xeon systems.

RAM

The following are recommended RAM requirements. You may wish to increase this if you are running other applications on your computers.

For MSSQL Databases

8 GB required for each workstation (16 is recommended).
8 GB required for the server (16 is recommended).

For Windows tablets running MSSQL:
4 GB require for each workstation (8 is recommended).

For MS Access Databases

4 GB required for each workstation (16 GB is recommended).
8 GB required for the server (16 is recommended).

Disk

For MSSQL Databases

100 GB or larger for each workstation.
500 GB or larger for the server.

For Windows tablets running MSSQL:
64 GB or more.

For MS Access Databases

100 GB or larger for each workstation.
500 GB or larger for the server.

Display

For POS, monitors must support 1280x720 resolution or better.

For back office functions, monitors must support 1280x1024 resolution or better.

Peripherals

Barcode Scanner

Any barcode scanner purchased from A&S will be shipped ready for plug and play. Contact The Edge Sales Department for current model, availability and pricing.

Scanners typically occupy a USB port. Legacy barcode scanners share a PS/2 port with a keyboard. Most high-density barcode scanners are supported as long as they are programmed to the following specifications:

- Interleaved 2 of 5
- Enable STX / ETX
- Disable HT / CR
- Any Length.

Please contact the scanner manufacturer for programming instructions and be prepared to share with them these specifications.

Credit Card Terminal Device

If you are going to use The Edge's integrated credit card processing feature, then you will need to coordinate the equipment that is compatible with both The Edge and the credit card merchant processor.

Tag Printer

A tag printer purchased from Abbott Jewelry Systems will be shipped ready for plug and play. Contact Edge Sales for current model, availability, and pricing.

Many industry tag printers and tags are supported and may work with The Edge with some reconfiguration. Contact Edge Support to inquire about compatibility and experience.

A tag printer typically occupies a USB port. Legacy tag printers may require either a parallel port (e.g., LPT1, LPT2) or a Serial Port (e.g., COM1, COM2).

   The Edge does not support networked tag printing.

Page Printer

For receipts, reports, and general printing requirements, we recommend a standard page printer. Page printers are commonly shared on a network. We do not sell page printers, but there are numerous suitable laser and inkjet printers available. The most important considerations for you should be:

- The placement of the printer in your cabinetry with respect to accessibility of the paper input and output trays.
- Whether you want to print receipts and reports in black and white or in color.
- The time to print the first page from a cold start is especially important.

Choose a printer suitable for commercial use. Not all page printers are suitable for use with The Edge or in a retail environment:

- Printers intended primarily for printing photos are generally not suitable.

- Printers with "Postscript" drivers have been found to perform poorly, especially when printing documents containing photos. Printers with "PCL" drivers are preferred.

Network

If you will be using more than one PC in your store, then you must also have a local area network (LAN). We strongly recommend getting a local computer technician to setup your network to ensure that it is both secure and properly functioning.

We recommend that you get an electrician or computer technician to install Cat5 or better Ethernet cabling. Ensure that your network cards match the speed of your network infrastructure. We recommend a 1 GB network of Cat5 or better.

If you plan to use wireless networking, contact The Edge Sales to use The Edge SQL Server. If you are running The Edge MS Access Database version, wireless networks are not suitable and there is a high probability they will cause database problems. They should be avoided with the single exception being the use of a wirelessly connected laptop to perform physical inventory as this is not a data intensive process.

Internet

Many valuable features such as postcard marketing, notifications, email, newsfeed, TPW, integrated credit card processing, remote assistance, and downloading Edge updates require on a reliable, high-speed Internet connection. Also, if you have two or more stores and wish to run them in a multi-store configuration, then a high-speed Internet connection is required at each.

Backup

You must have some reliable daily backup method. Please back up the edge database and shared data folder daily. This might involve additional hardware, or might involve an online service. Have your local technician set this up for you. We recommend www.Carbonite.com cloud backup service, but there are several reliable services available.

Software Requirements

The following software prerequisites are required to run The Edge.

Microsoft .NET Framework

You may have .NET Framework on your workstation already. If you are unsure, go ahead and attempt to install it. If .Net Framework is already installed, you will get a message that it cannot be installed because it already exists.

For The Edge v. 18.1 and higher, you will need .NET v. 4.7. Download it here:
https://www.microsoft.com/en-us/download/confirmation.aspx?id=55170

Crystal Reports Runtime

Download and install Crystal Reports v. 13.0.16. Download it here:
http://downloads.businessobjects.com/akdlm/cr4vs2010/CRforVS_redist_install_32bit_13_0_16_clone.zip

QuickBooks Foundation Classes

If you will integrate Edge 6.0 with QuickBooks Desktop, then download and install QuickBooks Foundation Classes v. 13.

Download it here: http://download.edgeuser.com/edgeupdates/QBFC13_0Installer.exe.

This is NOT required if integrating with QuickBooks Online.