



## WINDOWS 10 TIPS

As support for Microsoft Windows 7 comes to an end as of January 14, 2020, most of us will have to give in and move to Microsoft Windows 10. So I thought I'd do some research and see what's in store after the change. Here are portions of an article by "Linda" on the subject: <https://www.partitionwizard.com/clone-disk/windows-7-vs-windows-10-008.html>

Compared with Windows 7, Windows 10 has added several new features like Snap Assist, DirectX version 12, Microsoft Store, Xbox Play Anywhere, Factory Reset, Game Mode, Cortana, etc. In addition, Windows 10 has optimized many features like Task Manager, etc. These new features and optimizations can give you a better experience.

**Snap Assist** allows you to place up to four windows on one screen, which may improve your productivity.

**DirectX 12**, which is the latest in a series of application interfaces created by Microsoft for multimedia and games development. It only works with Windows 10.

**Microsoft Store** is a store app released on Windows 10 and Xbox devices. You can discover, experience, download, and purchase the latest products and content from Microsoft and its partners, including hardware, games, entertainment, apps, etc.

**Xbox Play Anywhere (XPA)** is a game service launched for Xbox One and Windows 10 platforms, which allows players to get a free digital version of the game on the other platform if they have purchased a digital game on one platform. In addition, it also allows players to share game archive progress.

**Factory Reset** allows you to restore operating system to factory state without a bootable disk. This feature also allows you to keep your personal files after factory reset.

**Windows 10 Game Mode** will clean up memory and change the workload of programs. Thus, games can fixedly occupy most of the processor and memory resources.

## Performance

When you plan to change the operating system, what you concern about must be performance. Is Windows 10 faster than Windows 7? How about Windows 7 vs. Windows 10 performance? You should know these problems.

Fortunately, some users have made a performance comparison between them. Under the same hardware and software condition, Windows 10 boot speed is slightly slower than Windows 7; however, Windows 10 can wake from Sleep mode and Hibernate mode more quickly than Windows 7; Windows 10 will spend more time in loading programs than Windows 7.

Some game players may focus more on Windows 7 vs. Windows 10 gaming performance. In this aspect, Windows 10 performs better than Windows 7. In addition, Windows 10 supports DX12, Xbox Play Anywhere, and game mode.

Apart from the above comparisons, some users also find that Windows 10 takes better advantage of CPU and graphics performance than Windows 7, which will make Windows 10 have a better comprehensive performance than Windows 7.

## Technology Support

As we all know, Windows 7 mainstream support has expired on January 13, 2015, and its extended support will expire on January 14, 2020. As the Windows 7 mainstream support has expired, no new feature will be added.

**Mainstream support** includes the following services: request to change product design and features, security updates, non-security updates, complimentary support (including license, licensing program, or other no-charge support programs), and paid-support (including premier support and essential support).

**Extend support** only includes security updates, non-security updates, and paid-support. In addition, the non-security updates are available only if Extended Hotfix Support is purchased.

## Hardware Requirements

As for Windows 10 vs. Windows 7 hardware requirement, they have only one different point. Both the Windows 7 and the Windows 10 require at least a processor not less than 1 GHz, a memory not less than 1 GB for 32-bit OS (or a memory not less than 2 GB for 64-bit OS), and a Microsoft DirectX9 graphics device with WDDM driver.

As for hard drive requirement, Windows 7 requires a hard drive not less than 16 GB for 32-bit OS and 20 GB for 64-bit OS; Windows 10 requires a hard drive not less than 16 GB for 32-bit OS and 32 GB for 64-bit OS.

Furthermore, many users report that Windows 10 occupies more memory and disk than Windows 7. In a word, Windows 10 has higher hardware requirements than Windows 7 in practical use if you want to enjoy its good performance.

## Software Compatibility

What prevents users from upgrading to Windows 10 is software compatibility problem. You may need some third-party software and proprietary in-house software to perform a very specific function in daily life or for work.

However, some of these apps may be incompatible with Windows 10. And that's why you don't want to upgrade to Windows 10.

## Security and Privacy

Obviously, Windows 10 can protect your computer from virus better than Windows 7. A survey made in 2017 reported that, on the average, Windows 10 machine had 0.04 malware files while Windows 7 computer had 0.08 malware files; furthermore, just 15 percent of all malware was on Windows 10 machines while 63 percent was on Windows 7.

However, what worries Windows 10 users is [Microsoft Compatibility Telemetry](#) program, which is a Windows built-in tool used for transferring computer information to Microsoft. Many users worry that it will disclose user information. Fortunately, you can disable it to avoid such situation.

## Habits

There is another thing that prevented you from upgrading to Windows 10. That is your habit. You are familiar with Windows 7. However, Windows 10 forces you to get rid of these habits. Hence, you may think Windows 10 is not as convenient as Windows 7.

Above was from an article by “Linda” on the subject. Here is the link to the article:

<https://www.partitionwizard.com/clone-disk/windows-7-vs-windows-10-008.html>

# Presidents Corner

Hello everyone!

I hope everyone had a great Thanksgiving and going to have a great Christmas.

Please make sure to let Kevin Holloway know how many people you plan on bringing with you to the Christmas party and what your sides will be.

We need to know how many total will be coming so we know how much of the main dish needs to be ordered.

Also the club Christmas party is on Saturday **December 21st, 2019 1pm-5pm** at:

**New Horizon Presbyterian Church**

**30 Valley View Dr, Council Bluffs, IA 51503**

Click link for map in Google Maps: <https://goo.gl/maps/dBND9TgALPeYLC5v5>

I hope to see everyone there and have a great Christmas and hope to see you also at the next meeting in January 2020. :D

**Meetings - January-November**

**Apple Barrel (at Sapp Bros.)**

**2608 S. 24th St.**

**Council Bluffs, Iowa**

**MEETING BEGINS: 7 PM** (NOT in December)

# **Minutes of November 19, 2019 Meeting**

Meeting called to order at 7 P.M. at Apple Barrel Restaurant in Council Bluffs, IA with 12 members present.

## **First Drawing**

The \$10 drawing was won by Greg.

## **Minutes and Treasury Report**

Minutes of the October 2019 meeting were read. The minutes were approved as read. Treasurers Report was read and approved by those present at the meeting.

## **Old Business**

The remaining seven more tickets were sold for the \$100 raffle leaving us with ZERO tickets remaining...

So, we did the raffle and the winner was David Ladd. So \$50 added to the club treasurer.

The annual club Christmas Party was brought up for date, the only date available at the church is December 21<sup>st</sup> for 2019 from 1pm-5pm. Primary food chicken and ham (with pineapple) which will provided by the club.

Beyond that, the standard pot luck for the supplemental dishes. Please let Kevin Holloway know what you plan to bring if at all possible. Reminder, we don't have a regular club meeting in December, just the party.

## **New Business**

We still need demo ideas! (email – how it works behind the scenes, PowerPoint with 3D, web site optimizations, Windows 10 since Windows 7 is going away, comparisons of McAfee vs ASC vs Symantec)

Further discussion it was decided to share things each member knows about Windows 10 that other might not know as our planned demo for January 2020. This is great as we need more focus on basic Windows user items.

## **Demo**

No planned demo today - however, Bruce read some of the Google Privacy Policy and things related to it.

## **Stick-Around Drawing**

The stick around drawing (\$5.50) was won by Mariel.

## **Adjourned**

With no further business the meeting was adjourned.

*Minutes recorded by Bruce 11/19/2019*

# **M.A.P.C.C.**

Established 1982

The Metro Area Personal Computer Club Newsletter is published monthly and posted on the club website: <http://www.mapcc.com>

## **Meetings:**

**3rd Tuesday of the month at 7 p.m.**

Apple Barrel (party room)

2608 S. 24th St.

Council Bluffs, IA 51501

## **Elected Officers:**

President: David Ladd

Vice President: Kevin Holloway

Secretary: Bruce

Treasurer: Kevin Holloway

## **Appointed Officers:**

Newsletter Editor: Bruce

## **Annual Membership Dues:**

Individual: \$15.00 Family: \$20.00

## **Club Motto:**

***“Pass It On”***

Contact: (531) 600-8847