



range Bytes

Volume 49 No 7

July 13, 2025

\$1.50

NOCCC meetings for Sunday July 13, 2025

MAIN MEETING

A live implementation of the procedure for upgrading
A non-compliant Desktop Win 10 to Win 11 OS +
A surprise hardware presentation

Special Interest Groups (SIGs) & Main Meeting Schedule

9:00 AM – 10:30 AM

Beginners Digital Photography**Science 131**

Questions and Answers about Digital Photography

Linux for Desktop Users.....**Science 129**

Beginners' Questions about Linux

10:30 AM – 12:00 PM Noon

3D Printing**Science 127**

Questions and Answers about 3D printing if requested

Advanced Digital Photography.....**Science 131**

Questions and Answers about Digital Photography

Linux Administration**Science 129**

More topics about the Linux operating system

Mobile Computing.....**Science 109**

We discuss smart phones, tablets, laptops, operating systems and computer related news. **Waiting for a new leader.**

12:00 PM Noon – 1:00 PM

3D Printing..... **Science 127**

Questions and Answers about 3D printing if requested.

PIG SIG **Irvine Courtyard**
Bring your lunch. Consume it in the open-air benches in front of the Irvine Hall or join the group that goes to the student cafeteria. Talk about your computer(s) and life experiences.

1:00 – 3:00 PM Main Meeting

A Shuttle Desktop computer that has an ancient, 14 year old, Intel I5-3570K 4-core, 4-thread, 3.4 GHz CPU and no TPM module will be the guinea pig for the upgrade. It does not meet M\$ criteria for a free upgrade, **or paid**, to Windows 11. The following will again be shown: procedure to download a Windows 11 ISO, use RUFUS to modify the ISO, do a complete backup of the computer, and install the modified version of the Windows 11 ISO. Then show it running Win11.

If you goto:<https://microsoftgraveyard.com/>

You will be at a Site that lists 159 programs killed by MicroSoft

BOD.....3-4PM..... Science 129

Board Meeting.....**Science 129**

Verify your membership renewal information by checking your address label on the last page. If it is not right, let the treasurer know.

Mark your calendars for these meeting dates
2025: July 13, Aug. 3, Sep. 7, Oct. 12, Nov. 2, Dec. 7
2026: Jan. 11, Feb. 15, Mar. 1, Apr. 5, May 3

Coffee, cookies and donuts are available during the day in room 129 .

“Friends Helping Friends” since April 1976

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Special email addresses

Jim Sanders is: editor@noccc.org

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Our Website

WWW.NOCCC.ORG

Reminder: Membership expiration dates are based on the date that you joined the club.

Example, you joined or re-upped your membership in the club in October of 2024. That means that in October 2025 you should pay your membership dues. In the address label area of the Orange Bytes is your join month/expiration month.

A thought to consider: The only reason the club has been able to continue functioning financially after Covid is a donation in the will of a former member. Could you do that?

Reprint Policy

Permission to reprint articles is granted to non-profit groups and software/hardware vendors whose products we review, provided North Orange County Computer Club is credited as the source and the original author is given full credit. We request that any non-profit that reprints one our members articles send a PDF copy of your newsletter to the NOCCC Orange Bytes editor: editor@noccc.org.

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Editors Corner



So I asked the **GEMINI AI**: Are you aware of Microsoft hype, some might say propaganda, about the cessation of support for Windows 10?

GEMINI AI: The discussion around Microsoft's communication about ending support for Windows 10 is known, with some considering it

"hype" or even "propaganda"

Here's the situation and why some feel this way:

The Facts: Microsoft has announced that support for Windows 10 will end on October 14, 2025.

What End of Support Means: After this date, PCs running Windows 10 will no longer receive free software updates, technical assistance, or security fixes from Microsoft.

Windows 10 PCs will continue to work after the end-of-support date.

Microsoft advises upgrading to Windows 11 for ongoing security and support.

Extended Security Updates (ESU): A paid ESU program provides security updates for up to three years, Business year 3 cost \$244.

The "Hype" or "Propaganda" Aspect:

Emphasis on Security Risks: Microsoft highlights the increased security risks of using an unsupported operating system. Some believe the emphasis on this risk is a tactic to encourage (*ED:scare into*) upgrades.

Messaging to Encourage Upgrades: Microsoft has sent emails and in-OS notifications urging users to upgrade to Windows 11. Some view this as an aggressive marketing strategy.

Microsoft promotes buying a new Windows 11 PC, especially if a user's device doesn't meet the hardware requirements for the free upgrade. This is seen by some as an attempt to boost hardware sales.

Cost of ESU: The ESU program for consumers costs \$30 for one year, while businesses have a three-year option at a higher price. Some question why extended support isn't free for all consumers.

Stricter hardware requirements for Windows 11 have left many users with incompatible devices, leading to concerns about e-waste and the need to buy new machines.

In conclusion, Microsoft is clearly communicating the end of support for Windows 10 and encouraging users to upgrade to Windows 11 or consider the ESU program. While this is standard practice for software companies, some find Microsoft's messaging overly aggressive and focused on driving upgrades, leading to accusations of "hype" or "propaganda".

EDITOR: Would running a good anti-virus, anti-malware program that is quickly updated to deal with new threats, alleviate or at least significantly offset Microsoft's hype about security issues with Windows 10

GEMINI AI: While running a good antivirus and anti-malware program that is quickly updated to deal with new threats can *reduce* the risks of using Windows 10 after its end-of-support date (October 14, 2025), it will **not** alleviate or significantly "offset" all of Microsoft's concerns about security issues. Here's why:

Antivirus vs. Security Updates: Antivirus software primarily protects against malware and known threats by identifying and blocking malicious code. Security updates from Microsoft, however, address vulnerabilities within the Windows operating system itself – weaknesses or flaws in the code that attackers can exploit.

Unpatched Vulnerabilities: Once Windows 10 is no longer supported, Microsoft will stop releasing security patches for newly discovered vulnerabilities. This means that even the best antivirus program may not be able to protect against exploits that specifically target these unpatched flaws in the operating system.

Limited Scope: Antivirus software acts as a guard to detect and block threats that try to exploit vulnerabilities, but it doesn't fix the vulnerabilities themselves. Think of it like having security guards for a house with holes in the walls; the guards can catch some intruders, but the holes still make the house vulnerable.

In short, a good antivirus program can reduce the risk of infection from known threats, but it can't fix the underlying vulnerabilities in an unsupported operating system. Microsoft's messaging about the increased security risks associated with using Windows 10 after the end-of-support date is based on the fact that these vulnerabilities will remain unpatched, making your system more susceptible to cyberattacks.

Therefore, while a good, updated antivirus program is still a valuable tool, it's not a complete replacement for the security provided by a supported operating system. The best way to stay secure is to upgrade to a supported version of Windows like Windows 11 or consider alternative operating systems like Linux.

EDITOR: Considering the known changes/additions/deletions in Win-

dows 11 vs Windows 10, what would you consider cosmetic vs "real," changes/additions/deletions in Windows 11 vs Windows 10, what number would you consider cosmetic compared to "real,"

GEMINI AI: Windows 11 introduces a mix of changes compared to Windows 10, some being primarily visual ("cosmetic") and others affecting the way you interact with and use the operating system ("real" or functional).

Here's a breakdown of some key changes and how they might be categorized:

Cosmetic Changes:

Centered Start Menu and Taskbar: While a prominent visual change, you can move them back to the left, making it largely cosmetic for those who prefer the traditional layout.

Rounded Corners and Animations: Windows 11 features rounded corners for windows and more prominent animations, giving it a modern feel. This primarily affects the aesthetic appeal.

Redesigned Icons and Themes: The system icons and default themes have been updated to align with the new design language.

New Default Wallpaper: A new wallpaper provides a different visual background.

Real/Functional Changes:

Snap Layouts and Snap Groups: These enhance multitasking by offering preset arrangements for organizing multiple windows on the screen.

Redesigned Microsoft Store with Android App Support: The Microsoft Store has been revamped, making it easier to find and install apps, and now allows running Android apps (via the Amazon Appstore).

Teams Integration: Microsoft Teams is integrated into the taskbar, making it easier to access and use for communication.

Improved Virtual Desktops: Creating and managing virtual desktops is more intuitive and flexible.

Gaming Enhancements: Features like Auto HDR and DirectStorage are included to improve the gaming experience.

Enhanced Security Features: Windows 11 introduces enhanced security features like TPM 2.0 and Windows Hello for stronger authentication and protection.

Changes to Taskbar Functionality: The inability to move the taskbar to different screen edges is a functional change that some users may find limiting.

Hidden Copy/Paste Option in File Explorer: The copy/paste option is now under "Show More Options" in the right-click menu, potentially requiring extra clicks.

Important Considerations:

User Perception: What one user considers a "cosmetic" change, another might see as a "real" change that significantly impacts their workflow.

Overall, Windows 11 is not just a "cosmetic" update to Windows 10. It introduces numerous changes that impact how you interact with and use the operating system, particularly in areas like multitasking, app management, and security. While some of these changes are primarily aesthetic, others represent significant functional improvements.

A LITTLE HUMOR

A child asked his father, "How were people born?" So his father said, "Adam and Eve made babies, then their babies became adults and made babies, and so on." The child then went to his mother, asked her the same question and she told him, "We were monkeys then we evolved to become like we are now." The child ran back to his father and said, "You lied to me!" His father replied, "No, your mom was talking about her side of the family."

Wife: "How would you describe me?" Husband: "ABCDEFGHGIJK." Wife: "What does that mean?" Husband: "Adorable, beautiful, cute, delightful, elegant, fashionable, gorgeous, and hot." Wife: "Aw, thank you, but what about IJK?" Husband: "I'm just kidding!"

North Orange County Computer Club

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To All Members:

The line above your mailing address now shows your joindate. Please use your join **month** to choose when to renew your membership.

Dated Material – Please deliver ASAP

Membership Level (\$)	1 Year	3 Years
Individual Member	35	90
Each Additional Family Member	15	40
Full-Time* Enrolled College Student	20	
Enrolled High School Student	15	
*Minimum 12 Semester Hours		
Business Member + Ad (Business Card)	25	
Business Member + Ad (¼ Page, ½ Page)	65,	100
Business Member + Ad (Full Page)	175	
Contributing Member	75	
Supporting Member	100	
Advocate Member	250	
Patron Member	500	

Directions to the NOCCC meeting location



Enter CA-55 N (Costa Mesa Freeway) crossing Interstate 5 toward Anaheim/Riverside for 9 miles. *Notice freeway and street signs stating "Chapman University."* Exit toward E Chapman Ave. Turn right onto N Tustin St. Turn left onto E Walnut Ave.

1) Turn left past N. Center St. for the **best place to park** in the underground parking structure (Lastinger under the sports field). Pay the small fee (\$2) to park Ask members or help@noccc.org about parking details, restrictions, and our price break!

2) Turn left onto N Center St. On the right is the Hashinger Science Center, 346 N Center St. Orange California. Parking on the University side is free. Parking on the residential side is a city violation that may cost you a **tow away and a ticket!**