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Scott Ksander

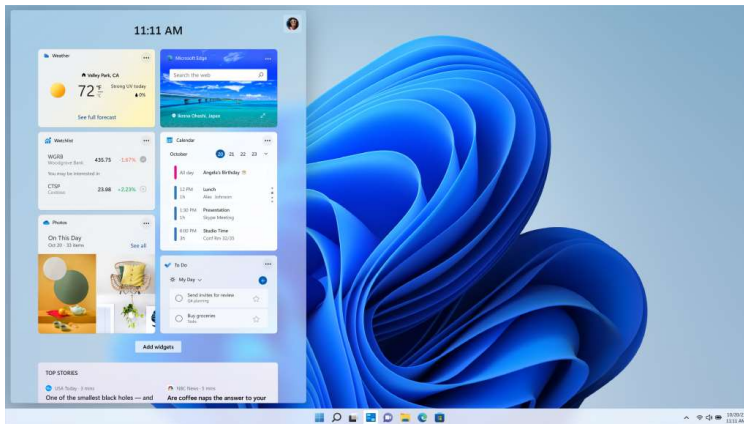
ksander@purdue.edu



- 40+ years in the IT field, 26 years at Purdue
- Wrote his first program (FORTRAN) when he was in 5th grade. Purdue degree in Computer Science.
- Areas of interest – systems development, networking, security
- In retirement, Scott writes a technology column for the Purdue Retirees Newsletter and does presentations for the Purdue Women’s Club
- Scott and Peggy enjoy life with their kids and grandkids – especially on trips to DisneyWorld
- Scott grew up in Chicago and Peggy grew up in Fish Lake, Indiana (city boy meets farm girl at Purdue story – and the adventure continues ...)

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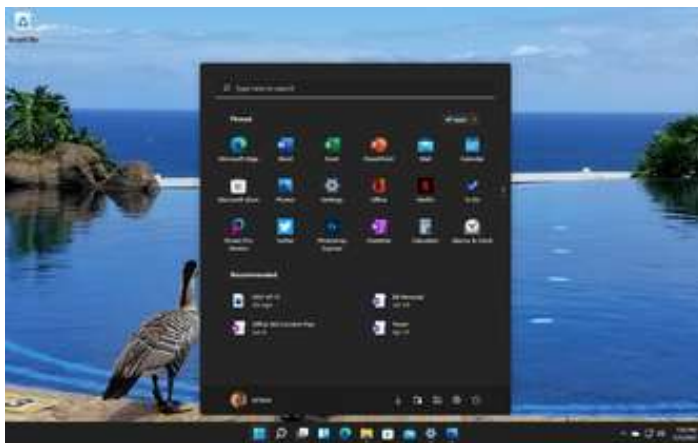
Windows 11



- Official release date is October 5, 2021
- Mac-like look and feel with pastel color pallet
- Start menu moves to the bottom middle
- Microsoft Teams built in for a more facetime-like chat app
- Major update to apps in the Microsoft store
- No more Cortana!

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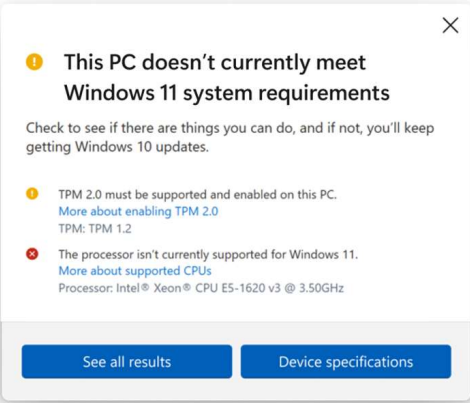
Windows 11



- Microsoft account and network connection will be required to set up Windows 11 Home.
- “Modern system” with 64-bit, dual-core CPU and 4GB RAM. 32 bit version will not be available.
- PCs older than 7 years will likely not support Win 11
- Home, Pro, Enterprise, and Education versions. No “S” version.

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Windows 11



This PC doesn't currently meet Windows 11 system requirements

Check to see if there are things you can do, and if not, you'll keep getting Windows 10 updates.

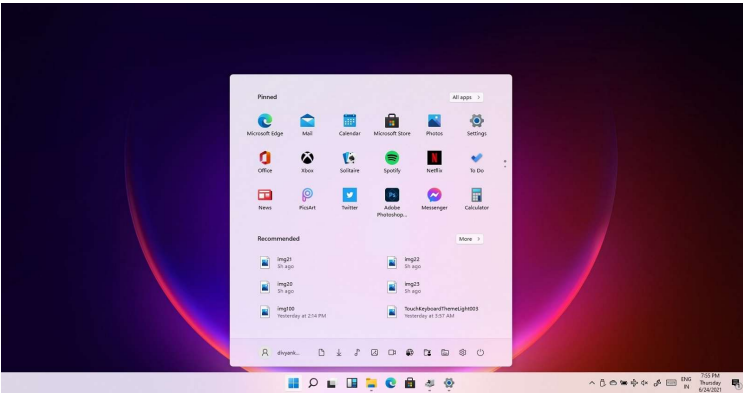
- TPM 2.0 must be supported and enabled on this PC.
[More about enabling TPM 2.0](#)
TPM: TPM 1.2
- The processor isn't currently supported for Windows 11.
[More about supported CPUs](#)
Processor: Intel® Xeon® CPU E5-1620 v3 @ 3.50GHz

Buttons: See all results, Device specifications

- Compatibility checker
- Long Microsoft URL with short version below
- <https://tinyurl.com/59b7ptrs>
- TPM 2.0 (Trusted Platform Module) hardware is the key for enhanced security
- All indications are that Microsoft will stand firm on hardware requirements. Time to check your "older" PCs and laptops

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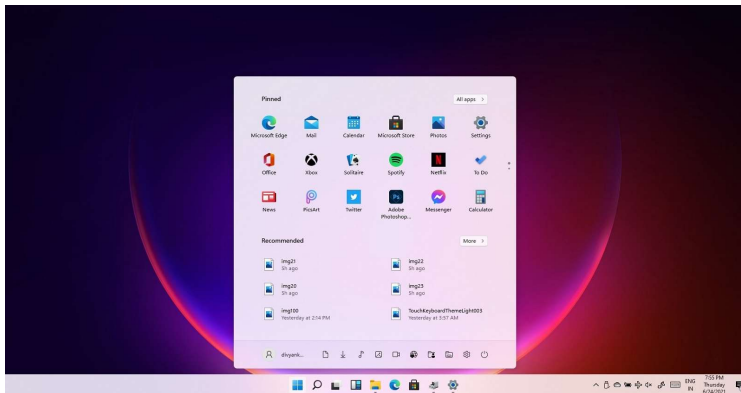
Windows 11



- Free download for existing Windows 10 users
- Windows 11 will run Android apps at a future date
- Preview version available now
- Windows 10 support will continue until Oct 2025

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Windows 11



• Bottom line

- Better user interface
- Significant security improvements with hardware assistance
- More apps to better compete with Mac

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Starlink

- SpaceX Starlink now hosts 100,000 users in 14 countries
- Total satellites go over initial 1,584 goal
- New target is 2,814 satellites
- Amazon “hoping” to launch a satellite mesh



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Apple and CSAM



- Child Sexual Abuse Material
- In August 2021, Apple announced a new feature for iOS15, WatchOS 8, and MacOS Monterey to detect stored child exploitation images in cooperation with National Center for Missing and Exploited Children

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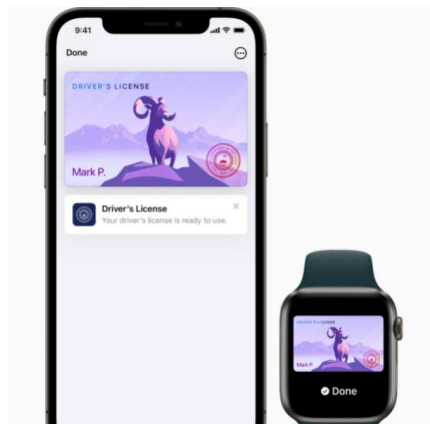
Apple and CSAM



- HUGE concerns although based on solid technology from the “Innocent Images” project established in 1994
- Apple backed off on Sept 3, 2021 and will take “additional time to consult” with all parties involved

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Apple Wallet and Driver's License



- Arizona, Connecticut, Georgia, Iowa, Kentucky, Maryland, Oklahoma, and Utah are among the first states to bring state IDs and driver's licenses in Apple Wallet
- TSA will also accept this identification at airports

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Purdue Moves to eTickets and eParking



- All sports are moving to eTickets and eParking passes for 2021-2022 season
- Paper tickets still available but "discouraged"

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Purdue Moves to eTickets and eParking



Detailed instructions for loading and transferring your Purdue tickets for both iOS and Android

<https://purduesports.com/sports/2020/6/10/digital-tickets.aspx>

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Windows 365 (cloud based) is coming



- Virtual desktop
- Simpler requirements for desktop (really just a display)
- More significant requirements on networking for access to "the cloud"
- Will be a subscription model with pricing based on necessary capabilities. Pricing likely starting around \$24/month
- Same experience on all devices

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Microsoft 365 / Office 2021



- Subscription model for “Office” is here to stay
- Microsoft 365 Personal and Family (\$69.99/\$99.99 per year)
- “Perpetual Version” Office 2021 coming Oct 5th replacing Office 2019 (likely \$160-ish one-time)

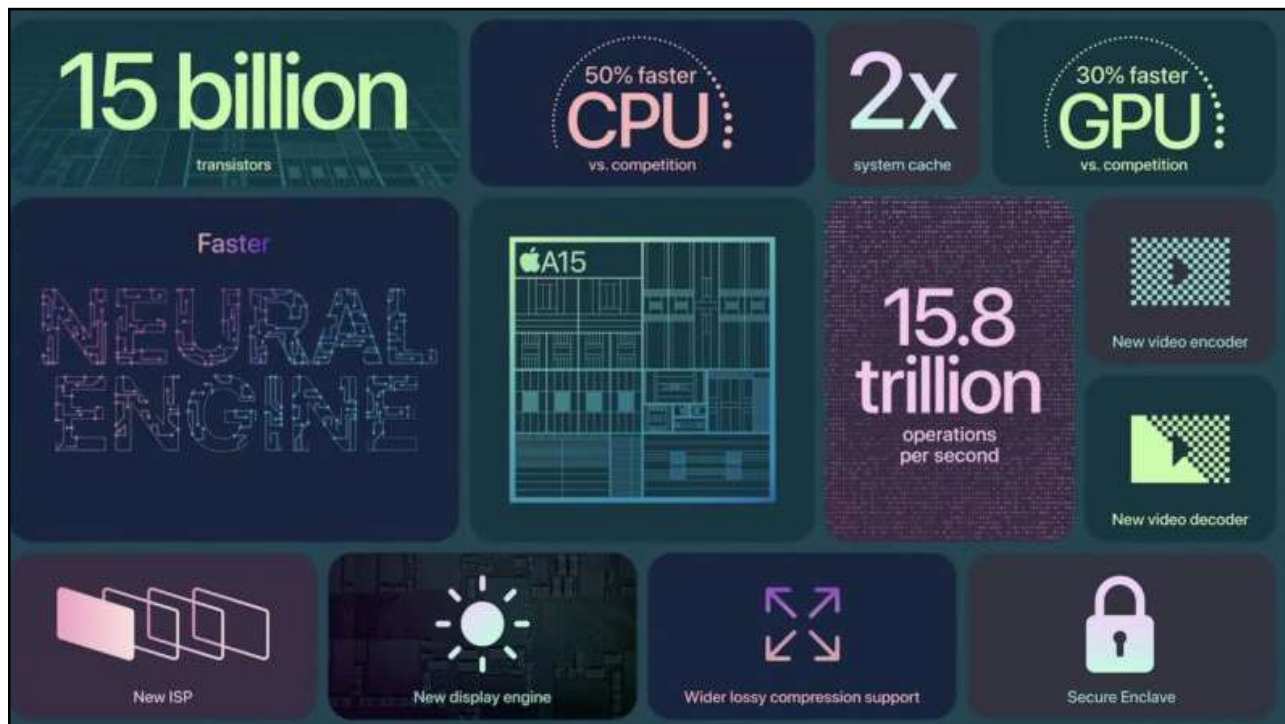
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Apple Announcement



- iPad 9
- iPad mini
- Apple Watch Series 7
- iPhone 13
- iPhone 13 Pro

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Apple Announcement

- Absolutely amazing technology. A15 processor, M2 processor, digital photography are beyond cool
- Great stuff to geek out about but, in the end, it is faster, better for the same price unless you need a specialized function

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Most durable Apple Watch ever

Series 7 watch faces

Five new aluminum colors

Brighter indoors

Cellular

Car keys and home keys

All-day battery life

Cycling updates

watchOS 8

Full keyboard with QuickPath

Mindfulness

Fast charging

Larger always-on Retina display

Respiratory rate during sleep

ECG and Blood Oxygen apps

Fully optimized UI

World Time watch face

Pilates and Tai Chi workouts

Fall detection during workouts

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Brighter Super Retina XDR

A15 Bionic

6.1" and 5.4"

Five new colors

Cinematic mode

New sensor-shift OIS Wide camera

Longer battery life

ultra-wide

12MP TrueDepth camera

Night mode on all cameras

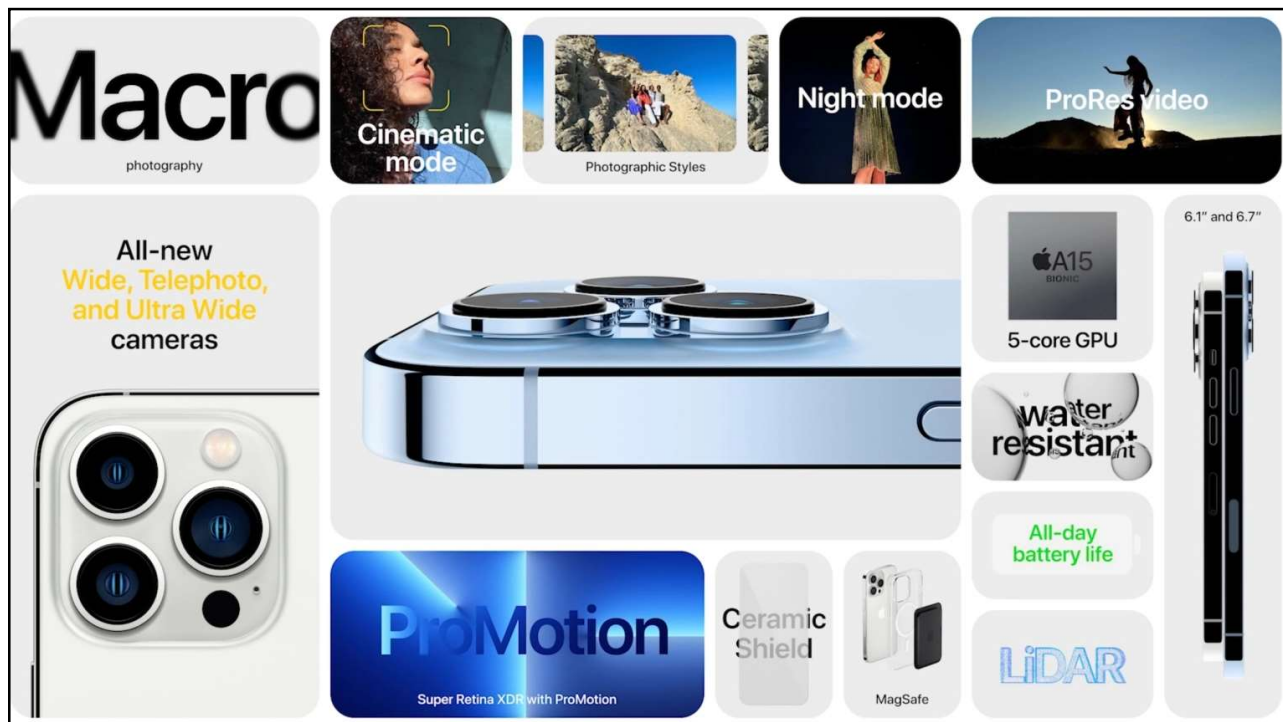
IP68 water resistant

4K60 HDR with Dolby Vision

5G


MagSafe

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Eliminate Password for Microsoft Account



- Coming in the next few weeks
- Available for Windows, Office, Outlook and other Microsoft apps and services
- Alternative form of authentication
 - MS Authenticator App
 - Windows Hello
 - SMS Verification code

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