



**VIDYABHARTI TRUST COLLEGE OF  
BUSINESS, COMPUTER-SCIENCE AND RESEARCH**  
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## The Most Important New Features in Windows 11—and How to Get Them

The newest version of Microsoft's desktop operating system is here.



Windows 11 will be free to everyone who owns Windows 10.

Microsoft is officially rolling out Windows 11, the next major version of its operating system (after announcing it back in June). It adds a revamped Start Menu, better multi-monitor and touchscreen support, tighter integration with Xbox Game Pass, and a renewed push for the Windows Store. We'll go over all the new features, but first, here's how to download Windows 11 to your device.

### Is Your Computer Compatible With Windows 11?

Microsoft is making some substantial (and at times controversial) changes to compatibility requirements for Windows 11. Upgrading is free if you're running Windows 10, but only CPUs from Intel's 8th generation and AMD's Ryzen 2000 line and newer are officially eligible (with a few exceptions). If your hardware is eligible, the update will automatically roll out by mid-2022.

Unofficially, however, many more machines with older CPUs will work with the new OS version, but you'll have to install Windows 11 manually by creating an upgrade tool from the Windows 11 software download page and installing it yourself. When you do, you might get a warning that your hardware isn't officially supported, and it might not be entitled to receive future updates.

You can use Microsoft's recently updated PC Health Check app to find out if your computer is officially eligible. This will also help you find out if you have or need to enable the Trusted Platform Module 2.0, which is an official eligibility requirement and might be the only thing holding up some machines from being eligible. Your computer may already have it, but it might be disabled, and you can turn it on in your system's BIOS. You can also bypass the TPM check using a tweak to your registry that Microsoft outlines (and advises against for most people) [here](#).

If this all seems complicated, it's because it is. The short version is, if you have a new computer made after around 2017 or so, there's a good chance that you'll receive a Windows 11 update notification eventually. However, if you

built your own machine or have an older computer, you might need to research and do some tinkering to install Windows 11.

### **How to Install Windows 11**

As stated above, if you have officially eligible hardware, installing Windows 11 is easy. You can wait for the free update to roll out to your machine, just like any other update, and install it when you get a notification that it's ready. Alternatively, you can check for the update manually by heading to Settings > Windows Update and clicking “Check for updates.”

If your hardware isn't eligible, however, you'll need to download Windows 11 and create an upgrade tool. You can use this file to create your own bootable USB drive. Make sure you have an empty USB stick with at least 8 GB of space and then follow Microsoft's guide to creating a bootable drive. As we said above, doing this on hardware that's not officially eligible might result in not qualifying for future updates.

### **Windows 11 Is Similar to Previous Versions**

You'd be forgiven if the new features in Windows 11 sound familiar. Microsoft has added widgets, translucent windows, and window snapping. All of these features have been around for a while, but the approach here looks better. In fact, most of the new features are designed around a theme of incremental improvement rather than wholesale overhaul (which is good, because we all remember Windows 8.)

With the exception of one minor change that might be quite polarizing ... The Start Menu Is in the Middle

Now

The biggest visual difference in Windows 11 is how the Start button on the taskbar is centered as opposed to being on the far left of the screen. There is an option to move it back to the corner if you're not willing to retrain your muscle memory, but Microsoft is keen to mimic the MacOS and Chrome OS look.

The new Start Menu has been reworked to remove Live Tiles (only marginally useful in the past). Instead, there are a set of pinned apps and recent documents. A search interface at the top of the menu, much like the Start Menu today, will intelligently search for the documents, apps, or settings you're trying to find.

### **A More Cohesive Interface**

For years, Windows has been a bit of a fractured mess, with newer, sleek user interface elements mixing with old. Windows 11 finally updates many features that have looked out of place in the past, and that means you'll see new designs more frequently.

Two of the biggest places you'll notice a change are in File Explorer, and any time you right-click to get a context menu. In the latter case, common actions like cut, copy,

paste, and rename have been moved to a smaller, accessible bar next to the mouse with just an icon, while other features like Properties or “Open in new window” are still listed out with an icon and label like you're used to. It's cleaner, but it can take some getting used to.

### **Widgets Are Back (Again)**

Microsoft tried to make widgets happen for years before abandoning them, but this *might* be the version that sticks. A new button in the taskbar will open a widget panel with a to-do list, weather, traffic, calendar, and other basic widgets. This isn't too different from how widgets work in MacOS, available when you want to take a glance but disappearing when you don't need them. Eventually, the feature will be open to developers, so expect to see more third- party widgets down the road.

### **Improved Multi-Monitor Support**

Laptop users that dock their computer into a separate monitor are all too familiar with the hassle that comes from managing all their windows. Once you disconnect the monitor, any windows on that monitor get resized and shuffled around, creating a mess on your desktop. Windows 11 puts an end to that. When you unplug your laptop from a second monitor, any open windows on that screen will minimize but remember their place. When you plug the screen back in, they'll pop right back to where they were before.

### **Multiple Desktops on a Single Monitor**

Windows 11 also makes virtual desktops (introduced in Windows 10 in limited form) much more powerful and useful. There's a new desktop menu in the taskbar, but there's also good keyboard support. Out of the box, pressing Alt- Win on the keyboard will move through your virtual desktops much like alt-tab moves between applications.

### **Snap Groups Make Reorganizing Windows More Intuitive**

Windows' current snapping feature is useful if you want to put two windows side by side, but you have to do any other arranging yourself. Windows 11 changes that. Now, when you hover over the Maximize button on a window, you'll see a small arrangement selector, showing you different layouts you can snap windows to, including three- or four-window layouts. You can then select which windows to fill in the rest of the layout and get to work quicker.

### **Translucent Windows Are in Fashion Again**

Another in the category of features that Microsoft discontinued only to bring back, Windows 11 once again introduces a translucent window design. Apps and window borders—including the Start Menu and widget menu—will be semi-see-through, like a frosted-glass window. It's a nice look and probably won't have the same performance issues on lower-end hardware the last time Microsoft tried this trick.

## **Easier Touchscreen Interactions**

While Microsoft's hardware team makes some great convertible laptops and tablets, the software hasn't quite kept up. Windows 11 hopes to fix some of the most annoying problems by adding larger touch targets for resizing windows. There's also a smaller touch-typing keyboard that can sit in the corner of the screen for one-handed typing, not unlike how you might type on your phone.

If you use a stylus, the OS will also support haptic feedback, which might make writing feel more responsive. It remains to be seen if these changes are enough to make Windows a natural touchscreen experience on a tablet, but it can't be worse than switching entirely into a Tablet Mode like Windows 10 does now.

## **PC Gaming Gets Some of the Xbox's Best Features**

With Microsoft owning two of the biggest gaming platforms in the world— Windows for PC gaming and the Xbox—you'd think that combining the two would be a higher priority. Well, Windows 11 is finally making this a reality by bringing some Xbox features to PC.

First, there's the DirectStorage API, which lets games load data directly into your graphics card's memory, drastically cutting down on load times. The process is a little more complicated than that brief description makes it sound, but if you have the hardware and games that support it, you'll be spending a lot less time waiting to play.



Another major Xbox feature now available on PCs is called Auto HDR. For games created using DirectX 11 or later, this feature can automatically upgrade games that previously used only SDR to the much richer and vibrant HDR standard. This won't magically make games take full advantage of HDR the same way game artists who intended the game to use the full range of HDR colors from the beginning would, but it's a welcome quality-of-life update. Especially for your latest *Skylrim* play-through.

And speaking of games developed by Bethesda, the final and perhaps biggest Xbox-related change is that the Xbox app comes built-in. The app provides access to your library of games purchased through the Xbox Store, including those that are a part of Microsoft's wildly popular Game Pass subscription.

### The Windows Store Is Now the Microsoft Store (and It Has Android Apps)

Right now, the Windows Store isn't terribly useful, because it allows only UWP (Universal Windows Platform) apps—that is, apps specifically designed to work across a wide range of Windows devices like laptops, tablets, and phones. Most developers weren't willing or able to rewrite their apps for this format, especially since Microsoft initially charged the same 30 percent cut for any sales made on the Windows Store as competitors like Apple and Google.

That all changes with the new Microsoft Store. After allowing game developers to upload win32 versions (read: the format that almost every Windows app you use comes in) to the store in 2019, Microsoft is extending that flexibility to everyone. Now app developers can upload win32 versions of apps, as

well as any other app framework.

Much more importantly, developers have the option of using their own payment system (or, as Microsoft clumsily calls it, “commerce engine”) to charge customers for using their apps. This means that major players like Adobe and Disney don’t have to hand over 12 to 15 percent of their revenue for the privilege of being on Microsoft’s store. Now that companies don’t have to jump through major hoops like rewriting their apps or forking over tons of cash to Microsoft, there’s a decent.

## **UNKNOWN FACTS ABOUT INSTAGRAM**

Instagram (IG), a Facebook subsidiary, is the largest photo- and video-sharing platform worldwide. And the Instagram statistics show that it’s considered the top social platform where brands and business owners alike can promote their services and products.

IG goes a long way to seamlessly accommodate these companies in providing a wide range of unique features every year. Indeed, by January 2019, 500 million users visited the Stories feature daily, according to recent Instagram stats. The data clearly shows that many of the world’s population runs to the platform every day. Needless to say, marketers and businesses alike should do what they can to learn how the network works.

1. Instagram has over a billion monthly active users.
2. About 995 photos are uploaded to Instagram every second.
3. The number-one most-shared food on Instagram is pizza.
4. There are currently over 140 million Instagram users in the United States.
5. 80% of Instagram accounts are for personal use.

6. More women use Instagram than men.
7. The majority of Instagram users are aged between 25–34 (33.1%).
8. 60% of Instagram users go on the platform to find new products.
9. 61% of brands are planning to increase their advertising budget for Instagram in 2021.
10. The Stories feature receives more than 500 million users daily.

**Ms Mohini patel**

**ASST.PROFESSOR**



ARPITA BHAVSAR  
22BCA21 (SYBCA DIV 1)



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## report on “IGNITE- 2023-2024”

**Event Date:** 23th December 2023  
**Event Venue:** Vidyabharti trust campus, umrakh  
**Event Time:** 8:00 AM Onwards  
**Organised By:** Vidyabharti trust college of business, computer science and research Umrakh  
**Academic year:** 2023-2024

**Introduction:** The Vidyabharti Trust College of Business, Computer Science, and Research successfully organized its annual inter-school event, "Ignite," on the 23rd of December 2023. The event aimed to foster creativity, talent, and healthy competition among students from various schools. Ignite provided a platform for students to showcase their skills in diverse fields, including dance, singing, treasure hunt, informal games, rangoli, and extempore competitions.

Registration : 1200+ from 40 school of near by bardoli

Participants:  
More than 500+

### **Event Highlights:**

- 1. Dance and Singing Competitions:** The day kicked off with electrifying performances in the dance and singing competitions. Students from participating schools mesmerized the audience with their exceptional talent and unique styles. The competition showcased a rich diversity of cultural performances, from classical to contemporary.
- 2. Treasure Hunt:** The Treasure Hunt was a thrilling event that tested participants' problem-solving skills and teamwork. Teams enthusiastically navigated through the designated areas, solving clues and puzzles to uncover hidden treasures. The activity not only added an element of excitement but also encouraged strategic thinking among the participants.
- 3. Informal Games:** Various informal games added a touch of fun and camaraderie to the event. From sack races to tug-of-war, students actively participated, creating a lively and cheerful atmosphere. The informal games fostered a spirit of sportsmanship and teamwork among the participants.
- 4. Rangoli Competition:** The Rangoli competition brought out the artistic flair of the students. Intricate and vibrant rangoli designs adorned the



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event venue, reflecting the participants' creativity and cultural diversity. Judges were faced with a tough task in selecting the winners among the impressive entries.

5. **Extempore Competition:** The Extempore competition provided a platform for participants to showcase their spontaneous speaking skills. Topics ranged from current affairs to social issues, and participants delivered articulate and thought-provoking speeches, impressing both judges and the audience.
6. **LAN Gaming:** Technology enthusiasts engaged in intense LAN gaming competitions, where strategic thinking and quick reflexes were put to the test. The gaming arena buzzed with excitement as participants competed in popular multiplayer games.
7. **Quiz Competition:** The quiz competition tested the participants' general knowledge and awareness. Teams from different schools competed fiercely, answering questions from various domains, making it an intellectually stimulating segment of the event.

**Conclusion:** "Ignite" was a resounding success, bringing together students from different schools and fostering a sense of healthy competition and camaraderie. The event not only showcased the diverse talents of the participants but also provided a platform for cultural exchange and collaboration. Vidyabharti Trust College of Business, Computer Science, and Research once again demonstrated its commitment to promoting holistic development and nurturing talent in the student community. The success of Ignite promises an even more exciting and engaging event in the years to come.

Find reel of event on Instagram:-

<https://www.instagram.com/reel/C1PX8PzxBGI/?igsh=MzY1NDJmNzMyNQ==>





## PHOTO GALLERY









**THANK YOU!!!!!!!!!!!!!!**