



APP NOTE

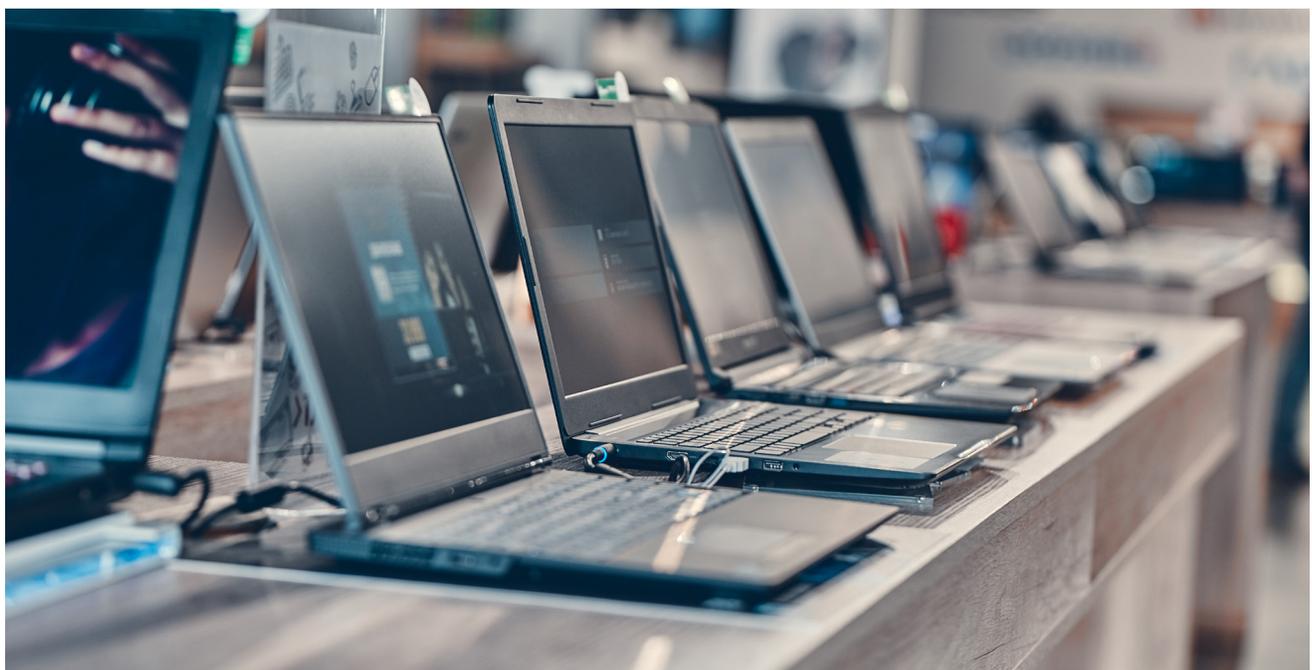
UPGRADE TO WINDOWS 11 WITH EASE WITH IGEL OS!

On August 31, Microsoft announced Windows 11 as the successor of Windows 10, which will utilize the power of the cloud and Microsoft 365.

This announcement includes multiple new features and improvements, but it also incurs great demands on the endpoint device hardware - which many devices currently running on Windows 10 cannot meet. Especially the requirement for the Trusted Program Module (TPM) chip which is oftentimes missing in many existing endpoints.



Given the fact that there are so many existing endpoint devices that are incapable of running Windows 11, organizations around the world who plan to upgrade to Windows 11 now face a dilemma, because they suddenly need to buy hundreds or many thousands of new endpoint devices in order to upgrade. However, apart from the high cost, we all know that it is currently extremely difficult to invest in new hardware due to the ongoing global supply chain logjam and chip shortages. Given these current challenges that show no sign of being remedied any time soon, organizations trying to figure out how to upgrade to Windows 11 should take a look at IGEL OS, the next-gen edge OS for cloud workspaces.



Upgrade to Windows 11 and Windows 365 with IGEL OS, the next-gen edge OS designed for accessing cloud-delivered digital workspaces

Let's look at the system requirements of different endpoint operating systems:

System Requirement	Microsoft Windows 11  Windows 11	Microsoft Windows 10  Windows 10	IGEL OS 
Processor	1 GHz or faster with two or more cores on a compatible 64-bit processor or system-on-chip (SoC)	1 gigahertz (GHz) or faster processor or SoC	Any compatible X86-64 processor starting at 1 GHz
RAM	4 GB or greater	1 gigabyte (GB) for 32-bit or 2 GB for 64-bit	2 GB or greater
(free) HDD Space	At least 64 GB of available storage.	16 GB for 32-bit OS or 20 GB for 64-bit OS	No defined HDD minimum
Security	Security: TPM version 2.0, UEFI firmware, Secure Boot capable	No system-level security requirements defined	No system-level security requirements defined

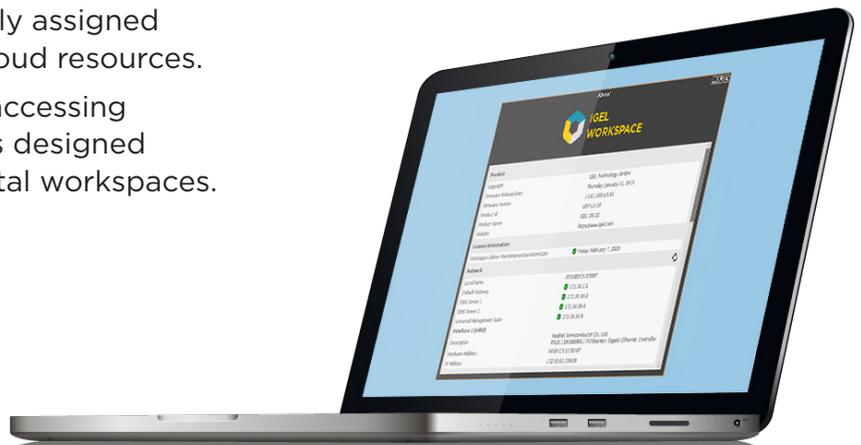
How can you be sure that your x86-64 devices can be repurposed as IGEL OS endpoints? Just have a look at the free assessment program powered by Liquidware Stratusphere UX: <https://www.liquidware.com/content/pdf/documents/solutions/IGEL-Liquidware-Assessment-Solution-Brief.pdf>

The comparison of the system requirements in the table above shows the high system requirements of Windows 11 - and it also shows that IGEL OS will run on nearly any existing compatible x86-64 endpoint currently using Windows 10.

That's why we recommend: Move Windows to the data center or cloud and replace locally with IGEL OS!

You can easily migrate from local Windows 10 installations to Windows 11 in the cloud where the virtual desktops need be simply assigned to the necessary data center or cloud resources.

Let's consider the advantages of accessing Windows 11 with IGEL OS, which is designed for accessing cloud-delivered digital workspaces.



With IGEL OS, not only can you easily access Windows 11 in the cloud, but you can use your existing endpoint devices. This yields the following benefits:

- Reduce your investment costs by repurposing your existing hardware to avoid the costly and disruptive “hardware refresh”
- Enhance your sustainability and improve your CO2 footprint by reducing your endpoint device energy budget and your e-waste
- Save money on hardware, deployment, maintenance and support, additional software licensing, and energy (power consumption)
- Avoid the negative impacts of chip and hardware shortages

Your IT team will also be thrilled, because:

- Your endpoints become much more secure because IGEL OS is built on a secure Linux distribution with an extremely small attack surface, and it is read-only. The IGEL Chain of Trust ensures system integrity as all components of a VDI/cloud workspace are checked to be secure and trustworthy.
- The patching and updating of endpoints will become super-easy compared to installing and updating Windows 11 on each device.
- Endpoint-related support trouble tickets will be dramatically reduced while scaling to up to 300,000 managed devices.
- With IGEL Cloud Gateway (ICG), widely distributed end-users (e.g., at-home workers) can work when and as they wish while IT retains full management and control – without requiring VPN connections.

Moving to IGEL OS has saved some organizations millions in endpoint hardware upgrades since Windows 11 is no longer needed on endpoint devices, and hardware refresh can be delayed for years since IGEL OS needs much fewer CPU and RAM resources, which can be invested in new strategic projects.

All these advantages lead to the conclusion that upgrading to Windows 11 does not have to be expensive and disruptive with IGEL. You can move to Windows 11 at your pace that fits your organization, and your people will enjoy a new, productive, and fulfilling user experience.

With IGEL OS, your endpoints are “future-proofed” against any future Windows releases or upgrades while you can take full advantage of any kind of future cloud-delivered digital workspaces.

Experience more about how IGEL supports your IT at igel.com/resources