
Windows 11
Computacenter
The AI powered future of PC
Let's go

Embracing AI in the modern workplace

Artificial Intelligence (AI) technology is evolving rapidly, with new functionalities emerging quickly. It can be challenging to stay updated with each development. Large organisations considering transitioning to Copilot+ PCs need to understand the potential benefits of this shift and how it can enhance business efficiency.

As organisations approach the October 2025 deadline for the end of Windows 10 support, many face the dilemma of choosing devices that will unlock the benefits of Artificial Intelligence.

Copilot+ PCs, with integrated Neural Processing Units (NPUs), enable applications that offer enhanced productivity, security improvements, contribute to sustainability measures, and reduce costs to benefit large-scale organisations.

It is important to unravel the complexity and understand Copilot+ PCs capabilities, enabling a transition that unlocks the potential of AI on device, to remain competitive and create a workforce ready for the future.

Empowerment for end-users

Copilot+ PCs are built to run AI workloads directly on the device, reducing latency and removing the need for an internet connection.

This is a transformative shift as organisations must think beyond simply upgrading their operating systems to unlock AI benefits and consider where the device will be used and by whom. They need to focus on how the AI capabilities of Copilot+ PCs can align with their broader IT strategy and goals.

For some organisations, the benefits are becoming clear:

1 Increased productivity

AI-driven tools like Microsoft 365 Copilot, automate routine tasks, freeing up employees for higher-value activities.

2 Security improvements

AI-powered threat detection models work locally on devices, eliminating the need for constant cloud communication and reducing risk exposure.

3 Cost savings

Local AI processing that reduces reliance on costly cloud infrastructure while enhancing performance.

AI strategy for sustainability

Copilot+ PCs benefit team and task productivity but can also contribute significantly to sustainability goals and carbon reduction.

Devices equipped with NPUs can run AI-driven tasks locally, without relying on cloud-based infrastructure, resulting in cost and energy savings.

Additionally, organisations can benefit from Copilot+ PCs as workloads move from energy hungry data centers onto local devices resulting in lower operational costs and a reduced carbon footprint.

Informed choice on AI

IT teams are considering the move from cloud dependence to localised AI experiences on devices. Much of this depends on the types of applications being used and whether this has been updated to take advantage of the onboard NPU. By adopting Copilot+ PCs, organisations can tap into various use cases that not only optimise internal processes but also enrich customer-facing experiences.

A component of Copilot+ PC adoption is understanding the potential of self-built language models on device, which allow organisations to leverage AI capabilities for more specialised processes, including custom models tailored to the data set and requirements of different types of users or personas.

A few examples include:

1 Virtual Assistance

AI-powered assistants that support workflow automation, customer service, and more applications for the immediate needs of the workforce.

2 AI Chatbots

AI-driven virtual human models used for customer engagement and online services.

3 On-Device AI

Localised AI processing that allows for faster, more reliable AI features such as face recognition and predictive analytics on devices.

4 Microsoft tools

E.g., PowerPoint, Excel – enhanced by AI to provide smarter recommendations, content generation, and data insights.

AI and non-AI PCs: key differences

There are key differences between AI-powered and non-AI PCs. Non-AI PCs typically rely on traditional CPU and GPU hardware and are suitable for basic tasks like email, document creation, and web browsing. In contrast, Copilot+ PCs feature an NPU for specialised AI workloads, delivering several advantages over traditional systems.

The devices your teams use are part of your AI strategy.

- **What do you deploy in the cloud, what do you deploy on-premises or in data centers?**
- **What are your key business application vendors doing with local AI enablement for Copilot+ PCs?**
- **What does your team need for long-term longevity?**

These are key considerations when choosing between AI and non-AI PCs. Furthermore, Copilot+ PC adoption ensures that organisations are future-ready, with the flexibility to integrate into cloud strategies or function independently of cloud infrastructure.

Non-AI PC	AI PC (AIPC)
Persona	**Persona**
"Everyday User" – Basic computing tasks (e.g., browsing, email).	"Productivity-Focused User" – Requires AI tools to optimise workflow.
"Budget-Conscious User" – Prioritises affordability.	"Emerging Tech Enthusiast" – Interested in exploring AI tools for daily tasks.
"Legacy Software User" – Organisations using older, non-AI compatible software.	"Hybrid Worker"– Needs AI-driven productivity and collaboration tools.
Characteristics	**Characteristics**
Relies on CPUs and GPUs for processing.	Uses an NPU for AI processing.
Suitable for general-purpose computing.	Ideal for AI-driven applications and workflows.

AI-driven business outcomes

Organisations are looking at the specifications of AI-powered use cases and what this means for their team's technology requirements and enhancements. This means understanding how applications run on these devices and how AIPC's capabilities can improve efficiency, productivity, and user experience.

Today, more than 85% of the Fortune 500 are using AI solutions to shape their future. In working with organisations large and small, across every industry and geography, most transformation initiatives are designed to achieve one of four business outcomes.

Enriching employee experiences

AI streamlines or automates repetitive, mundane tasks and allows employees to dive into more complex, creative and ultimately more valuable work.

Reinventing customer engagement

AI can create more personalised, tailored customer experiences, engaging target audiences while lightening the load for front-line staff.

Reshaping business processes

Virtually any organisational process can be reimagined with AI, from marketing to supply chain operations to finance, and AI is even allowing organisations to go beyond process optimisation and discover new growth opportunities.

Ahead of the curve

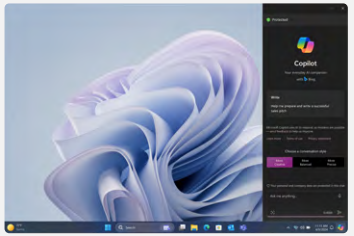
AI innovation speeds up creative processes and product development, reducing the time to market and allowing organisations to differentiate in crowded fields.

The future of AI-ready devices and PCs

- **By 2027, over 240,000 users globally will switch to AIPCs, driven by the need for energy efficiency, enhanced usability, and improved performance.[1]**
- **The shift towards on-device AI processing can result in significant cost savings for organisations as they move away from expensive cloud-based processing.**

This trend underscores the importance of future-proofing device estates and understanding how Copilot+ PC capabilities can evolve with the broader technology landscape.

1. IDC Forecasts Artificial Intelligence PCs to Account for Nearly 60% of All PC Shipments by 2027, IDC, February 2024



Copilot Studio and self-built AI models

Through Copilot Studio, organisations can build their own language models, allowing for customisation and enhanced application of AI. This self-built model approach means that organisations can feed marketing documents, customer data, and workflow processes directly into the custom AI model, enhancing the information and experience derived for users.

Copilot Studio enables organisations to create AI tools that are directly applicable to their day-to-day business operations, whether it's for automated content generation, data analysis, or collaborative productivity tools.

AIPC: planning for opportunity

The adoption of AI-powered PCs represents an opportunity for organisations to fundamentally transform how they operate and prepare for the future.

AI adoption is an essential step in ensuring organisations remain competitive, agile, and capable of adapting to rapid technological changes. By integrating AI capabilities directly into the device hardware, organisations can unlock new efficiencies, enhance productivity, and optimise their workflows for long-term success.

Copilot+ PCs can also contribute to sustainability goals and carbon reduction. By leveraging local AI processing and potentially extending the lifecycle of a device, organisations can reduce their environmental impact. The move towards energy-efficient devices running local AI processes highlights the growing importance of integrating sustainability into strategies as a way to reduce long-term operational costs.

AIPC adoption is not a one-size-fits-all solution; it requires a tailored, persona-driven approach that aligns technology with the specific needs of different personas and user groups. Organisations that take the time to right-size their technology investments, matching the capabilities of AIPCs with the needs of their users, will not only improve productivity but also maximise the overall return on investment. As the AI landscape continues to evolve, organisations must stay agile, making smart, data-driven decisions that enable them to seize new opportunities as they arise.

Computacenter informs and guides organisations throughout this journey. As a trusted partner, we offer the expertise, guidance, and solutions necessary to navigate the complexities of Windows 11 adoption and AIPC integration. Together, we can ensure that your organisation is not only ready for the future but is actively shaping it. By embracing AI-powered capabilities, organisations can drive innovation, enhance operational efficiency, and secure their position as leaders in their industry.

Learn more about AIPC

The AI era is here. Discover how Computacenter's partnerships with leading silicon manufacturers can future-proof your organisation. Contact us to learn more.

Leverage our Windows 11 transformation expertise

With years of experience delivering enterprise-scale transformations, Computacenter is your trusted partner. Contact us to transition smoothly to Windows 11 and unlock the power of AI.

About Computacenter

Computacenter is a leading independent technology and services provider, trusted by large corporate and public sector organisations. We are a responsible business that believes in winning together for our people and our planet. We help our customers to Source, Transform and Manage their technology infrastructure to deliver digital transformation, enabling people and their business. Computacenter is a public company quoted on the London Stock Exchange (CCC.L) and a member of the FTSE 250. Computacenter employs over 20,000 people worldwide.

www.computacenter.com

Computacenter