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Bring AI to your PCs

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Realize the potential of on-device AI with **Dell Pro AI Studio** - a comprehensive toolkit designed to accelerate on-device AI PC integration

Available April 2025

Making AI more accessible and efficient for developers and IT administrators

Discover how Dell Pro AI Studio simplifies AI from creation to deployment and management while overcoming today's challenges of on-device AI to help your organization accelerate innovation
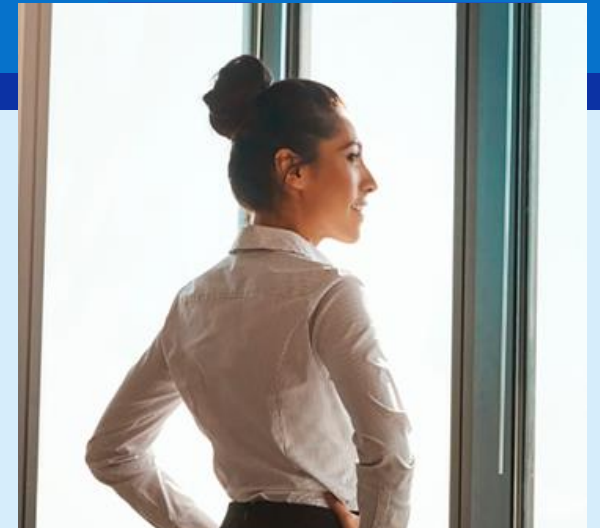

Tackling AI Complexity

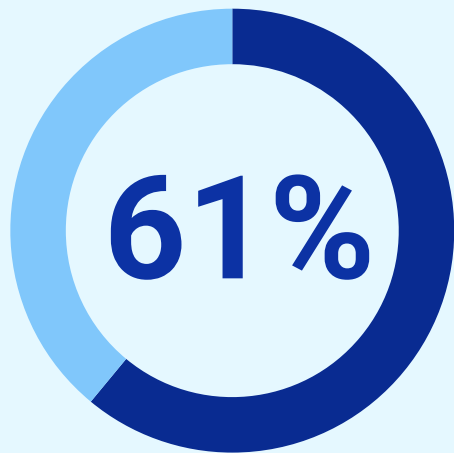Dell Pro AI Studio

Accelerate AI Deployment in 6 Weeks

Why Dell?

Overcoming the challenges of on-device AI

Is your organization struggling with AI complexities? You're not alone.

Enterprise customers need a quick-start solution to implementing AI on PCs, that saves time and reduces reliance on cloud-services

61%

IT Teams want easy tools to customize and deploy AI models fleet-wide

Critical challenges developers and ITDMS face today when managing AI workloads on rapidly evolving technology

Silicon complexity
Challenges in efficiently integrating AI capabilities within software while ensuring NPU & cross-silicon compatibility

AI lifecycle complexity
Underlying ecosystem differences increase complexity of application implementation and maintenance

Cloud dependency
High costs of cloud services and concerns of data privacy and security deter organization from fully adopting AI solutions

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The Solution:

Dell Pro AI Studio

makes on-device AI as easy as the cloud

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Dell Pro AI Studio is an AI toolkit with a comprehensive set of Dell-validated tools, frameworks, templates, and models designed to accelerate AI PC adoption for company specific workloads.

✚ Who it helps

- **Development teams** to move faster
- **IT teams** to control what runs where – monitoring it all from a management console

✚ Why it matters

- No license fees, no set up cost
- Empowers you to effortlessly harness AI potential and deploy it seamlessly across your PC fleet

Core Components

1

Discover and Selection Phase

Dell Enterprise Hub

Access pre-validated AI models for rapid deployment

2

Build and Develop Phase

Dell AI Framework

Standardizes workload execution across multiple hardware architectures simplifying scalability

3

Deploy and Manage Phase

Dell Management Portal

Integrates with Microsoft InTune for efficient provisioning and administration

Technical Compatibility

- Designed for cross-silicon operations, including Intel®, Qualcomm®, and AMD® NPUs and NVIDIA GPUs and discrete GPUs.*
- Supports industry-standard frameworks optimized for enhanced performance on Dell AI PCs.

*Only Qualcomm and Intel AI models will be available at launch. AMD and NVIDIA silicon models coming soon

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Discover your advantage

Whether you're an AI developer or an IT decision-maker, Dell Pro AI Studio simplifies your AI journey. From development to deployment, it streamlines the process and makes working with AI a breeze

Benefits
AI Developers

Ready-to-use and optimized models
Models and runtime environments are optimized right from the start, so you can focus on building features and solving real-world problems without spending time on manual optimizations.

Skip the rebuilds
Stay updated without disrupting your workflow or rebuilding applications. Automatic updates tools, frameworks, and models to ensure you're always using the latest and most secure versions—no manual effort required.

Build to Work with Industry Standards
Leverage widely-used AI frameworks with a built-in NPU converter that follows industry AI standards, enabling seamless framework switching and effortless platform adoption.

Compatibility in cross-silicon hardware
Develop once and deploy seamlessly across multiple devices, without the need for code rework. Ensure flexibility, scalability, and future-proof adaptability to work across various silicon vendors.

Benefits
ITDMS

Controlled provisioning made easy
With Dell Pro AI Studio, you can precisely provision and update models within AI applications across your fleet, ensuring that management and deployment is always accurate, efficient, and aligned with your organization's needs.

Maximized AI PC Value
Enhance your investment with Dell Pro AI Studio's on-device AI acceleration, delivering cloud-level performance while reducing costs and keeping your data secure.

With the industry's most comprehensive AI toolkit, Dell leverages advanced NPU technology to deliver exceptional capabilities for transforming your business operations[1]
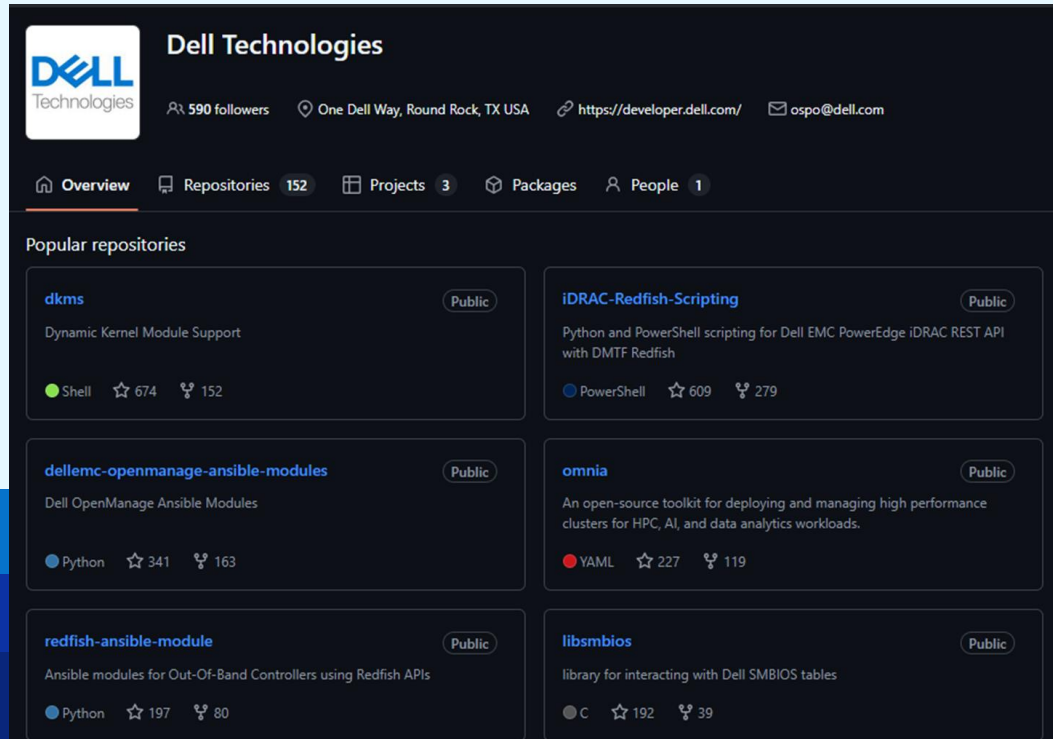
Build your own AI apps today

Take your organization to the next level with advanced on-device AI capabilities

Dell Validated Designs for AI PCs available on Dell GitHub

Leverage open-source reference samples to accelerate AI deployment with NPU-enabled applications, enabling local processing.

Models available: Dell Enterprise Hub on Hugging Face

Customize modular designs to add features like LLMs, vision, text, and speech, then deploy the AI application to your Dell AI PCs across multiple platforms, regardless of silicon.

Real-ESRGAN
Enhance image quality and resolutions for media production or archival purposes

QWEN & PHI
Boost productivity with smarter language processing enabling data-driven decisions

Whisper
Easily transcribe multilingual audio from videos or meeting recordings to English text for accurate, efficient conversation

CLIP
Search images with efficient and quick text-based search and rapid content categorization

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The 6 Week Breakthrough

Accelerate your journey to on-device AI innovation with Dell Pro AI Studio. It's designed to save you time, money, an resources – ensuring better performance, enhanced security, and reliable connectivity.

Dell Pro AI Studio is the industry's most comprehensive AI toolkit leveraging NPU technology[1]

Current State without Dell Pro AI Studio

Future State with Dell Pro AI Studio

1. Discover and Select

1 Month

- Searches Model Zoos
- Cross-references HW targets
- Conducts POC
- Explores complex environments
- Determines system configuration
- Repeats for each model/device

1 Week

- Selects Dell Validated Models for AI PCs
- Use Dell Validated Designs to simplify AI solution planning

2. Build and Develop

5 Months

- Conducts Model fine-tuning
- Iterates model conversion until working config
- Integrates platform discovery logic
- Secures model
- Selects resources
- Evaluates solution performance
- Repeats for each model/device

3 Weeks

- Uses Dell Validated Designs for model fine-tuning & conversion
- Configures app to connect Dell AI Framework

3. Deploy and Manage

6 Months

- Provisions app manually
- Manage model updates & runtimes
- Manage re-deployment for data updates
- Manage resource strategy (model/device)
- Handles multiple app versions
- Has limited IT Pro visibility
- Model updates trigger a repeat Build process

6 Weeks

- Provisions app via MS Intune scripts
- Manages model updates, resource policy and usage insights through MS Intune

Fuel on-device innovation with Dell services

Not ready to dive into Dell Pro AI Studio yourself?
Let us take the lead.

AI strategy that enables innovation

Fast-track success with a customized plan for measurable outcomes.

On-device AI solutions, built fast

Accelerate time to value with validated models, reference designs & Dell expertise

Expert deployment & configuration

Our technicians deploy, optimize and configure for ongoing management.

Dell Services deliver simplified, scalable, on-device AI solutions.

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Why Dell for AI Client Solutions?

End-to-End AI Capabilities

World's broadest AI / GenAI solutions portfolio from desktop to data center to cloud, all in one place[1], with deep partner relationships.

#1 Commercial AI PCs worldwide over the last year[2]

Portfolio of AI PCs thoughtfully designed with the smallest commercial PCs[3] crafted to meet a wide range of needs for every use case.

Leading on-device AI PC innovation

Only Dell provides the innovation and cross-silicon optimization that others can't match, empowering your tech with open-source capabilities that leverage NPU technology[4] with Dell Validated Designs.

Most secure and manageable commercial AI PCs[5]

Dell Trusted Workspace with Dell Management Portal deliver the industry's most secure, manageable AI PCs, integrating advanced threat detection, fleet-wide BIOS control, and IT customization tools.

Comprehensive Services

End-to-end modern client services at a global scale, simplifying AI journeys (M365 Copilot, Generative AI) with technology refresh options with predictable monthly pricing (APEX).
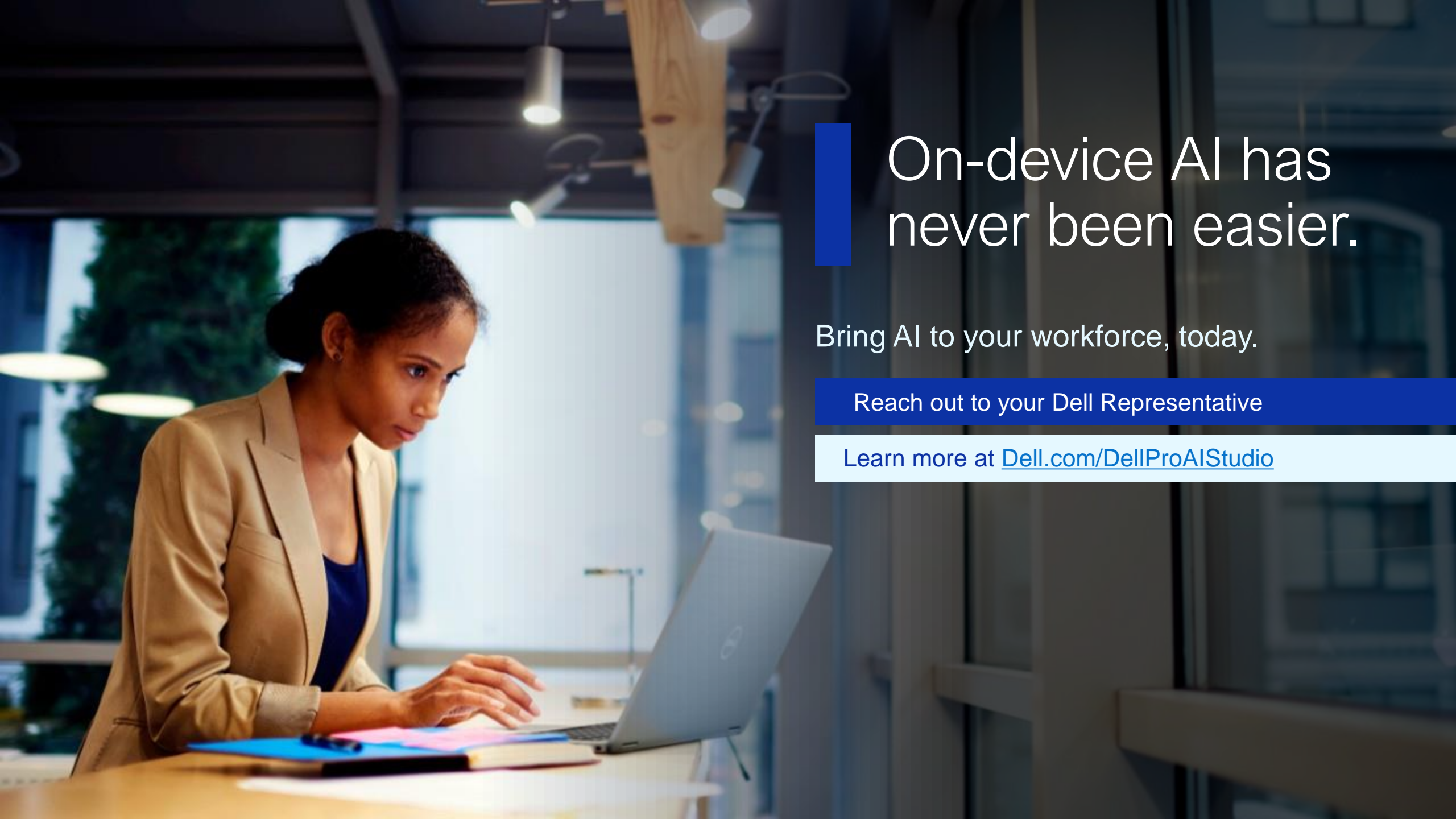
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On-device AI has never been easier.

Bring AI to your workforce, today.

Reach out to your Dell Representative

Learn more at Dell.com/DellProAIStudio