AMD RYZEN PRO

THE FUTURE OF WINDOWS BUSINESS LAPTOPS
STARTS WITH AMD RYZEN™ AI

GENERATIVE AI APPLICATIONS AND USAGE ARE ON THE RISE

New AI copilots are unlocking transformative benefits for developers, business processes, and information synthesis through conversational search.

EXAMPLES

Microsoft Co-Pilot

Chat GPT

Bard AI

Grammarly

Jasper

Articleforge

and many more...

BENEFITS

REINVENTING PRODUCTIVITY of Laptop Users

REMOVE THE DRUDGERY From our Daily Tasks and Jobs

LAPTOPS WILL HELP US THINK, PLAN, AND ACT In the New Era of Work

REDISCOVER THE JOY OF CREATION By Freeing Business Users

AMD RYZEN™ AI AIMS TO DELIVER SUCH AI EXPERIENCES ON THE LAPTOP WITH INCREDIBLE BATTERY LIFE, SPEED, AND QUIET OPERATION

GENERATIVE AI TRAINING AND INFERENCE - TODAY AND IN THE FUTURE

TODAY

Running Inference
in the Cloud

Very High Costs that Can
Be Unsustainable for Scaling
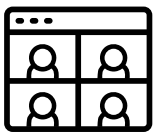
FUTURE

Speed

Privacy

Security

Personalization

and

Low Latency

Processing On the PC Will Play a Big Role in The Hybrid AI World

HYBRID AI IS CRITICAL FOR GENERATIVE AI TO SCALE – AND PC WOULD PLAY A BIG ROLE

RYZEN™ AI IN THE HYBRID AI ERA REVOLUTIONIZES THE PC EXPERIENCE
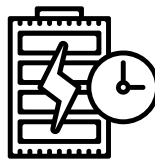
ADVANCED COLLABORATION

ALL NEW AI DRIVEN
COLLABORATION
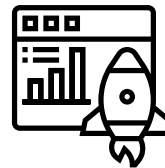ADVANTAGES

ACCELERATED MULTITASKING

UNBURDEN CPU
AND GPU AND UNLOCK
ITS POTENTIAL

IMPROVED EFFICIENCY

OPTIMIZED FOR BATTERY
LIFE WITH ALL NEW AI
EXPERIENCES

INCREASED PRODUCTIVITY

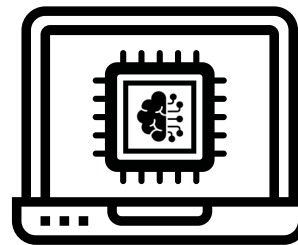ACCESS TO NEXT-GEN
ACCELERATED
WORKLOADS

ENHANCED SECURITY

LOCAL PROCESSING OF
DATA MEANS FEWER
ATTACK VECTORS

AMD
together we advance_

RYZEN™ AI AT A GLANCE

- ✓ **World's first integrated AI engine in an x86 processor[1]**
- ✓ **Optimized to run AI workloads for incredible system efficiency**
- ✓ **Up to 4 concurrent AI streams for real-time multi-tasking**
- ✓ **Processes up to 10 Trillion AI Operations Per Second (TOPS)**
- ✓ **Allows business PC users to experience on-device AI everyday**

INTEGRATED INTO THE CPU FOR OPTIMAL EFFICIENCY

CPU + GPU + RYZEN™ AI

JOURNEY STARTS HERE WITH ADVANCED VIDEO COLLABORATION

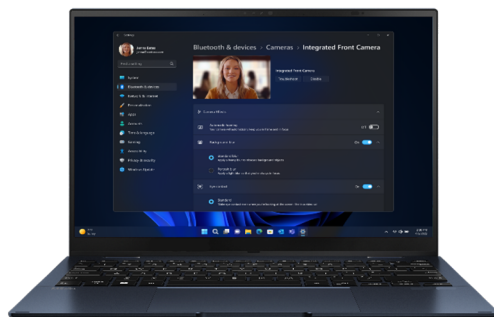### WINDOWS STUDIO EFFECTS USES AMD RYZEN™ AI USING THE INTEGRATED CAMERA

- **Eye Contact Correction**
- **Standard/Portrait Blur**
- **Auto Framing**

WORKS ON ALL VIDEO CONFERENCING APPLICATIONS

"If you're doing a Zoom call for work and you want to use eye contact, you're looking at well less than half the power enabled by AMD Ryzen™ AI"

- **PCWorld**

LEADERSHIP MULTITASKING WITH RYZEN™ AI

With 8 high-performance cores and AMD Ryzen™ AI, AMD Ryzen™ PRO 7040 series processors accelerate performance using MS Office apps while running Teams conference with all Windows Studio AI effects turned on.

UP TO
83% FASTER[2]

(AMD Ryzen™ 7 PRO 7840U compared to Qualcomm SQ3 processor)

Teams Video Conference with Windows Studio AI Experiences

+

MS Office Apps

EQUIP YOURSELF WITH AMD RYZEN™ AI POWERED PCs AS YOU DELVE INTO THE WORLD OF FORTHCOMING WINDOWS AI APPLICATIONS.

VISIT AMD.COM/PARTNER Your source for tools, training, news, reviews, and much more!
To find out more about AMD Ryzen™ PRO Processors, please visit www.AMD.com/pro

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