SAPPHIRE EDGE AI

**HARNESSES EDGE AI's LATEST CAPABILITIES TO ENHANCE CONTENT CREATION, GAMING & PRODUCTIVITY WITH AI MINI PC SOLUTIONS.**

UP TO 50 TOPS

SAPPHIRE EDGE AI SERIES
DESIGNED TO ELEVATE PRODUCTIVITY AND CREATIVITY ON YOUR PC.

SAPPHIRE EDGE AI SERIES Powered by AMD Ryzen™ AI 300 Series processors, the SAPPHIRE EDGE AI SERIES combines a Neural Processing Unit (NPU), multi-core x86 CPU, and AMD Radeon™ GPU - delivering efficient AI acceleration and **high-performance computing in one compact platform.**

Built for edge computing, inference, and real-time analytics, it's ideal for intelligent systems across industries. With low power draw, robust I/O, and scalable options, the SAPPHIRE EDGE AI SERIES is a powerful foundation for modern AI-driven applications.
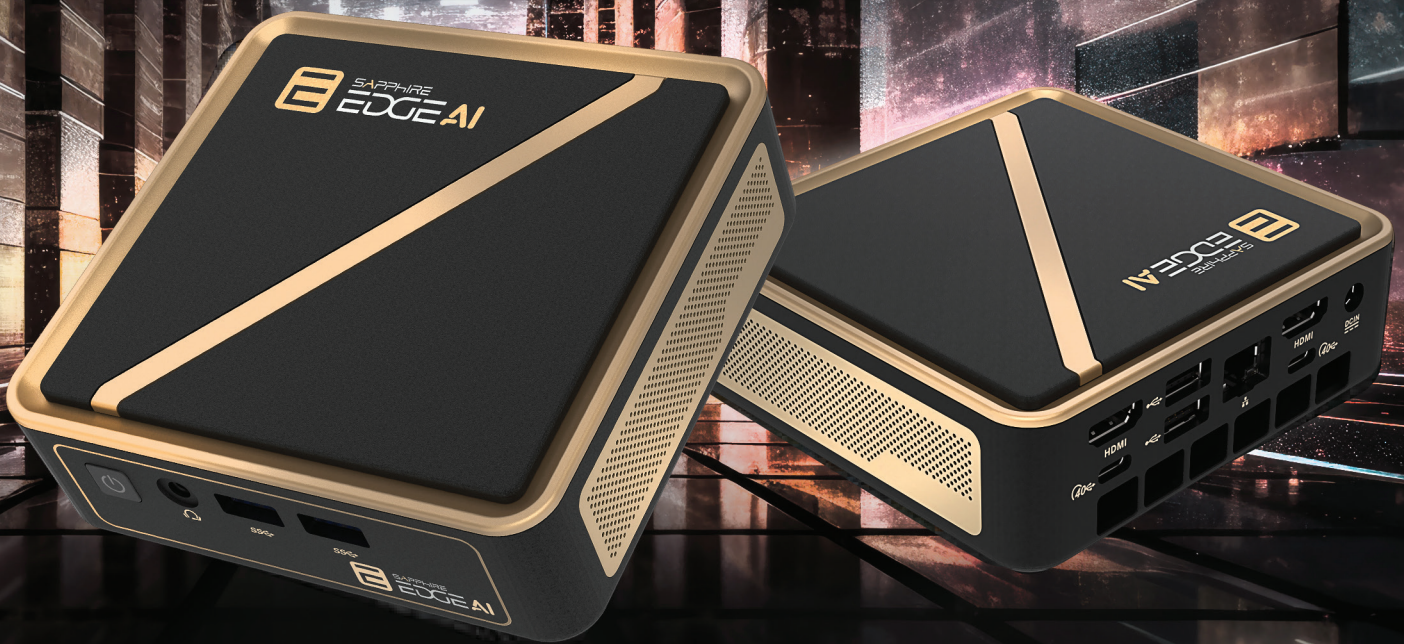
FEATURING AN ALL-IN-ONE SOLUTION TO EVERYDAY EFFICIENCY

KEY FEATURES

- Powered by AMD Ryzen™ AI 300 Series Processors
- Unlock Next-Level AI Experiences
  - Featuring Latest AMD XDNA2
  - NPU Architecture Processors
  - Up to 50 TOPS AI Performance
- Equipped with AMD Radeon™ 800M Graphics
- Supports DDR5 SO-DIMM Memory
- M.2 NVMe Storage Support
- Enhanced Copilot+ PC Experience
- WiFi and Bluetooth Connectivity
- Support Up To 2.5G Ethernet
- Compact Design: 117 x 111 x 30 mm
- Innovative Tool-less Design for Easy Storage & Memory Upgrades

SAPPHIRE

NEXT LEVEL EFFICIENCY

LEADING PROCESSOR PERFORMANCE VS COMPETITION

AMD Ryzen™ AI 9 HX 370
vs Intel® Core™
Ultra 9 288V[1]

**UP TO 90%
FASTER**

AMD Ryzen™ AI 7 350
vs Intel® Core™
Ultra 7 258V[2]

**UP TO 54%
FASTER**

AMD Ryzen™ AI 5 340
vs Intel® Core™
Ultra 5 226V[3]

**UP TO 16%
FASTER**

WHO IT'S FOR

Tech enthusiasts who want to stay on the cutting-edge and be ready for the latest AI experiences

Creators, professionals, or everyday users who need powerful speed and built-in AI processing for the latest AI tools
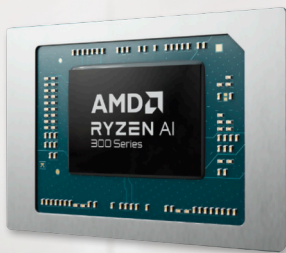
Gamers who want a thin and light PC with powerful graphics, high frame rates, and AI processing for next-gen gaming features

Model	SAPPHIRE EDGE AI 370	SAPPHIRE EDGE AI 350	SAPPHIRE EDGE AI 340
Processor	AMD Ryzen™ AI 9 HX 370	AMD Ryzen™ AI 7 350	AMD Ryzen™ AI 5 340
Memory	32 GB DDR5 SO-DIMM	32 GB DDR5 SO-DIMM	16 GB DDR5 SO-DIMM
Storage	1 TB M.2 PCIe NVMe SSD	1 TB M.2 PCIe NVMe SSD	1 TB M.2 PCIe NVMe SSD
WiFi / Bluetooth	Yes	Yes	Yes
Front I/O	1 x Audio Jack 2 x USB 3.2 Type-A Gen 2 1 x Power Button with LED	1 x Audio Jack 2 x USB 3.2 Type-A Gen 2 1 x Power Button with LED	1 x Audio Jack 2 x USB 3.2 Type-A Gen 2 1 x Power Button with LED
Rear I/O	1 x DC Jack 2 x HDMI 2.1 2 x USB Type-C 4.0 (with PD 3.0) 1 x USB 3.2 Type-A Gen 2 1 x USB 2.0 Type-A Gen 2 1 x RJ 45 (2.5G LAN)	1 x DC Jack 2 x HDMI 2.1 2 x USB Type-C 4.0 (with PD 3.0) 1 x USB 3.2 Type-A Gen 2 1 x USB 2.0 Type-A Gen 2 1 x RJ 45 (2.5G LAN)	1 x DC Jack 2 x HDMI 2.1 2 x USB Type-C 4.0 (with PD 3.0) 1 x USB 3.2 Type-A Gen 2 1 x USB 2.0 Type-A Gen 2 1 x RJ 45 (2.5G LAN)
Power Supply	19Vdc, 6.32A 120W Power Adapter	19Vdc, 6.32A 120W Power Adapter	19Vdc, 6.32A 120W Power Adapter
Color	Golden Black	Golden Black	Golden Black
OS Support	Windows and Linux	Windows and Linux	Windows and Linux
Dimensions (W x D x H)	117 x 111 x 30 mm	117 x 111 x 30 mm	117 x 111 x 30 mm
VESA Mount	Yes	Yes	Yes

SAPPHIRE EDGE AI Benefits

- Up to 50 TOPS NPU[4] : Delivers industry-leading AI performance, ready to power emerging AI applications.
- Powerful Graphics: AMD Radeon™ 800M Series graphics for seamless gaming at high frame rates and an immersive entertainment experience.
- Unmatched CPU Performance: Achieve fast multitasking, run demanding applications, and create content with incredible speed and efficiency
- Advanced CPU, GPU, NPU Technology: Combines cutting-edge components to deliver both powerful and energy-efficient performance.

AMD RYZEN™ AI PROCESSOR SPECIFICATIONS

Model	Core / Threads	Boost Freq5 (up to)	Base Freq	Total Cache	Graphics Model	NPU (up to)
AMD Ryzen™ AI 9 HX 370	12/24	5.1 GHz	2.0 GHz	36MB	AMD Radeon™ 890M	**50 TOPS**
AMD Ryzen™ AI 7 350	8/16	5.0GHz	2.0 GHz	24MB	AMD Radeon™ 860M	**50 TOPS**
AMD Ryzen™ AI 5 340	6/12	4.8 GHz	2.0 GHz	22MB	AMD Radeon™ 840M	**50 TOPS**

FOOTNOTES

1. Testing as of Nov 2024 by AMD using Cinebench R24 benchmark. Configurations: AMD Ryzen AI 9 HX 370, ASUS Zenbook S16, 32GB RAM, 1TB SSSD, Win11 26100; Intel Core Ultra 9 288V, ASUS Zenbook S14, 32GB RAM, 1TB SSD. Both tested in Balanced mode with VBSOn. Laptop manufactures may vary configurations yielding different results. STX-105

2. Testing as of Nov 2024 by AMD using Cinebench, Handbrake and Blender benchmarks tested in balanced Mode with VBSON. AMD Ryzen AI 7 350: AMD reference board, 28W TDP, 32GB RAM, 1TB SSD, Win 11 26100. Intel Core Ultra 9 288V: ASUS Zenbook S14, Intel Arc graphics, 32GB

3. Testing as of Nov 2024 by AMD using the following benchmarks tested in Balanced mode with VBSON: Handbrake, Puget Photoshop, Blender Classroom, Cinebench R24 nT. Tested in Balanced Mode with VBSON. AMD Ryzen AI 5 340: AMD reference board, 28W TDP, AMD Radeon

4. Trillions of Operations per Second (TOPS)for an AMD Ryzen processor is the maximum number of operations per second that can be executed in an optimal scenario and may not be typical. TOPS may vary based on several factors, including the specific system configuration, AI model, and software version. GD-243

5. Boost Clock Frequency is the maximum frequency achievable on the CPU running a bursty

*The contents of this document is subject to change without prior notice.