Zen Nano: 0.6B Edge Model

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Abstract

0.6B parameter model optimized for edge and mobile deployment.

1 Introduction

0.6B parameter model optimized for edge and mobile deployment.

1.1 Key Features

- 0.6B parameters for edge devices
- 44K tokens/sec on M3 Max
- ¡1GB memory footprint
- iOS, Android, embedded support

2 Technical Specifications

Parameter	Value
Parameters	0.6B
Speed (M3 Max)	44K tokens/sec
Memory	0.4GB - 1.2GB
Context	32K tokens
Formats	PyTorch, MLX, GGUF

Table 1: Technical specifications

3 Zen AI Ecosystem

Part of the complete Zen AI hypermodal ecosystem:

Language: zen-nano-0.6b, zen-eco-4b, zen-agent-4b
3D & World: zen-3d, zen-voyager, zen-world
Video: zen-director-5b, zen-video, zen-video-i2v
Audio: zen-musician-7b, zen-foley
Infrastructure: Zen Gym (training), Zen Engine (inference)

4   Conclusion

0.6B parameter model optimized for edge and mobile deployment.

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