Category Award Computer & System

aiDAPTIV™ AI PC Turbo-Inference Solution

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Winning Reason

The aiDAPTIV™ AI PC Turbo-Inference Solution elevates local AI inference efficiency through heterogeneous computing synergy and automated model optimization, significantly lowering the barriers to development and deployment. Positioned as a critical infrastructure within the AI PC and Edge AI sectors, it holds the potential to become the next-generation AI runtime platform. By accelerating model execution, aiDAPTIV™ is poised to redefine industry standards. The true bottleneck of AI PCs lies not in raw computing power, but in how effectively that power is utilized—aiDAPTIV™ is the definitive solution to this challenge.

Product Feature

The "aiDAPTIV+ AI PC Turbo-Inference Solution" built on 25 years SSDs experience of Phison. While traditional SSDs have historically been unrelated to AI computation, Phison's exclusive aiDAPTIV+ patented technology leverages NAND Flash as an AI Cache memory tier. We have evolved the SSD from a passive storage module into a high-performance AI Inference Engine, effectively breaking the performance constraints inherent in iGPU of AI PCs . The advantage of our solution lies in reducing memory dependency during AI inference while significantly accelerating inference speeds. Under the same AI PC hardware specifications, our product delivers up to a 102x performance boost and reduces enterprise AI deployment costs by 53%, making it the premier solution for democratizing AI.