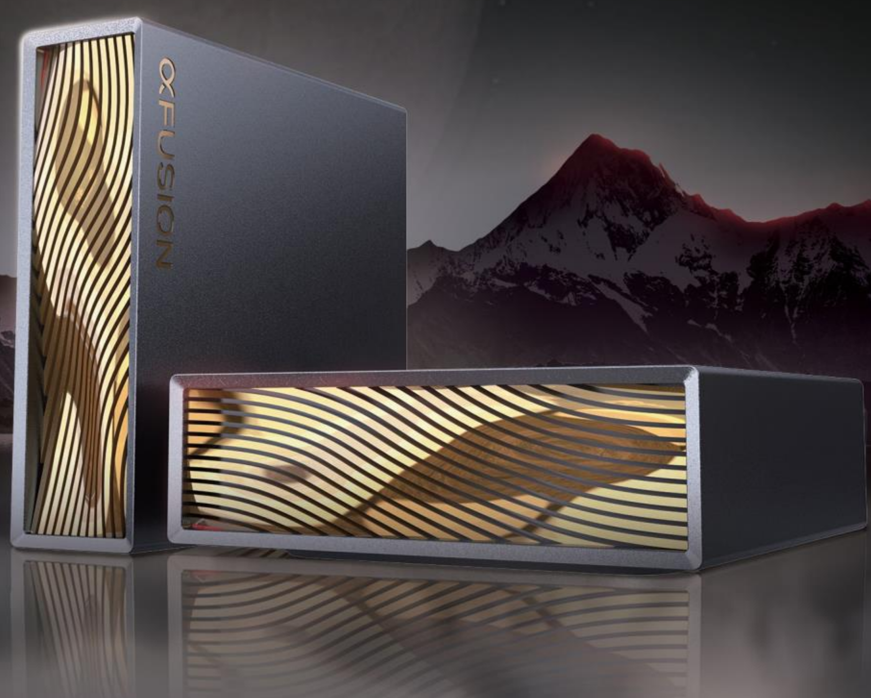
FusionXpark™

Portable AI agent development platform

Master AI in Your Hands



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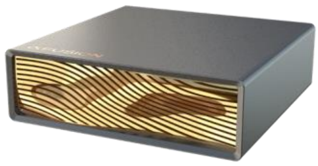
Profile



FusionXpark™ Portable AI agent development platform

A new desktop AI computer specifically designed for the complete construction and operation of AI. It utilizes the NVIDIA GB10 Grace Blackwell superchip, providing up to 1000 AI TOPS performance with energy efficiency and a compact design to power large AI workloads. With 128GB of unified address system memory, developers can prototype, fine-tune, or infer next-generation AI models with up to 200 billion parameters and seamlessly deploy them to data centers or cloud platforms. Additionally, the integrated NVIDIA ConnectX™ network allows two AI computers to be connected, supporting inference on models with up to 405 billion parameters.

With its outstanding energy efficiency and compact design, this AI computer offers powerful AI supercomputing capabilities and superior performance, making it the ideal choice for AI developers, researchers, and data scientists.

Feature

NVIDIA GB10 Superchip

- Leveraging the NVIDIA Grace Blackwell architecture, it delivers up to 1 petaFLOP of AI performance at FP4 precision.

128 GB Unified Address System Memory

- Supports developers in running AI development and testing workloads locally for models with up to 200 billion parameters.

ConnectX Network

- The integrated high-performance NVIDIA ConnectX™ network can connect two AI computer systems together, allowing AI model scales to expand up to 405 billion.

AI Software Stack

- Pre-install NVIDIA DGX OS
- Support NVIDIA AI enterprise software stack，provide full-stack solution and compatible with the CUDA ecosystem.

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Technical Specifications

Model	FusionXpark™ GB10
Architecture	NVIDIA Grace Blackwell
GPU	Blackwell Architecture
CPU	20 core Arm, 10 Cortex-X925 + 10 Cortex-A725 Arm
CUDA Core	6144
Tensor Core	Fifth Generation
Supported Data Format	TF32、FP16、BF16、INT8、FP8、FP6、FP4
RT Core	Fourth Generation
Tensor Performance[1]	1 PFLOP
System Memory	128 GB LPDDR5x, Unified System Memory
Video Memory Interface | Bandwidth	256 bit | 273 GB/s
Storage	Self-encrypting 1 TB or 4 TB NVME.M2
USB	4 USB4 Type C
Ethernet	1 RJ-45，10 GE
NIC	ConnectX-7 Smart NIC
Wi-Fi	Wi-Fi 7
Bluetooth	BT 5.4
Audio Output	HDMI Multi-channel Audio Output
Display Interface	1x HDMI 2.1a
NVENC | NVDEC	1x | 1x
Weight	1.2 kg
Dimension	150 mm L x 150 mm W x 50.5 mm H
OS	Pre-install NVIDIA DGX OS
AI Software Stack	Support NVIDIA AI Enterprise
Custom Signature	Support Custom Signature

1: Theoretical FP4 TOPS value using sparse computing power.