

AI TOP ATOM

Accelerated by



The AI Supercomputer on your Desk.

NVIDIA® GRACE BLACKWELL

At the heart of GIGABYTE AI TOP ATOM lies the NVIDIA® Grace Blackwell GB10 Superchip, which fuses a 20-core Grace CPU with a single Blackwell GPU—delivering up to 1 petaFLOP of AI performance in a compact, energy-efficient form. With 128 GB LPDDR5x unified memory and NVLink-C2C for seamless CPU-GPU communication, it enables local inference of models up to 200B parameters. Built for edge AI, research and private deployments, the GB10 brings Blackwell architecture's unmatched efficiency and scalability to desktop-class systems.

INTELLIGENT DESIGN

The AI TOP Utility enhances the user experience with a complete software suite for local model training, inference, and deployment—featuring optimised workflows, ready-to-use templates and intuitive model conversion tools.

Loaded with NVIDIA DGX™ OS and Ubuntu Linux, the GIGABYTE ATOM runs the full NVIDIA NIM catalogue, RAPIDS, as well as Linux-based applications that are ARM compatible. This powerhouse provides researchers and developers the ability to test and train the latest AI models and run scientific applications at native FP32 and push it to FP64 in virtualised mode.

Stock is Limited.



**Order Yours
Now.**

	GIGABYTE AI TOP ATOM
Processor	20-core Arm,10 Cortex-X925 + 10 Cortex A725
Chipset	NVIDIA® GB10 Grace Blackwell Superchip
Tensor Performance	1 petaFLOP AI performance
Graphics	NVIDIA Blackwell Architecture
Memory	128GB LPDDR5x, unified system memory
Memory Interface	256-bit
Memory Bandwidth	273 GB/s
Storage	Gen5 14000 SSD 4TB
Chassis Volume	1L
Power Supply	240W adapter
Rear I/O Ports	1 x USB 3.2 Gen 2x2 Type C (PD IN) 3 x USB 3.2 Gen 2x2 Type-C (Up to 20Gbps) 1 x NVIDIA ConnectX®-7 1 x RJ-45 connector, 10 GbE 1 x HDMI 2.1a
Networking	10GbE Ethernet, Wi-Fi 7, Bluetooth 5.3
NIC	NVIDIA ConnectX-7 SmartNIC
Audio-output	HDMI multichannel audio output
Operating System	NVIDIA DGX™ OS, Ubuntu Linux
Weight	1.2 kg (2.64 lbs)
Dimensions	H50.5x W150x D150 mm
Included in the Box	1 x Gigabyte AI TOP ATOM 1 x Adapter Power Cord (Vary by country)



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