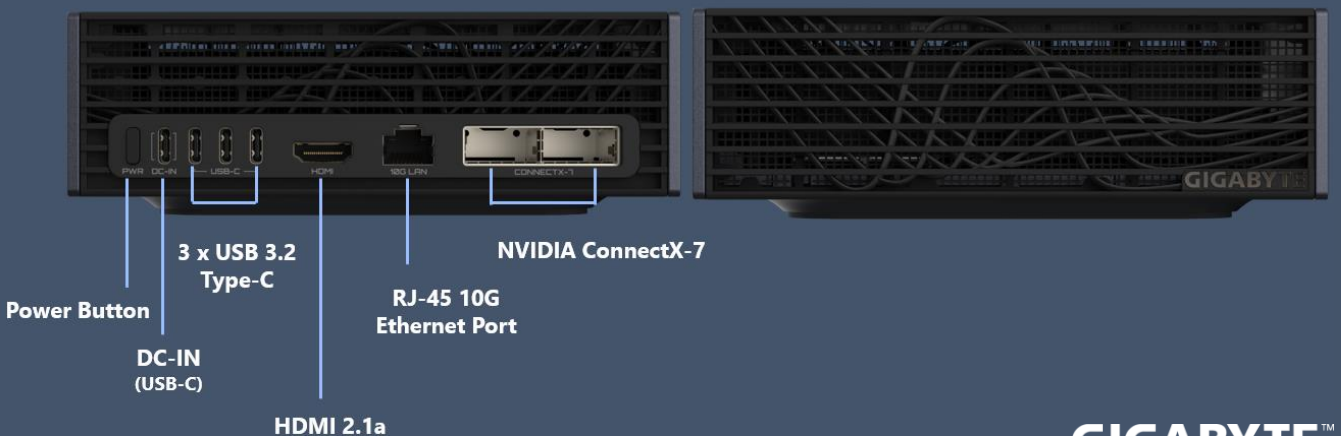




# GIGABYTE AI TOP ATOM

Your Personal AI Supercomputer

Architecture	NVIDIA® Grace Blackwell
GPU	NVIDIA® Blackwell Architecture
CPU	20 core Arm, 10 Cortex-X925 + 10 Cortex-A725 Arm
Tensor Performance	1 petaFLOP AI performance
System Memory	128 GB LPDDR5x, unified system memory
Memory Interface	256-bit
Memory Bandwidth	273 GB/s
Storage	4 TB Gen5/4TB Gen4/1TB Gen4 NVME.M2 with self-encryption
USB	4x USB 3.2 TypeC
Ethernet	1x RJ-45 connector , 10 GbE
NIC	NVIDIA® ConnectX®-7 NIC
Wi-Fi	WiFi 7
Bluetooth	BT 5.4
Audio-output	HDMI multichannel audio output
Power Consumption	240W
Display Connectors	1x HDMI 2.1a
NVENC   NVDEC	1x   1x
OS	NVIDIA DGX™ OS
System Dimensions	150 mm L x 150 mm W x 50.5 mm H
System Weight	1.5 kg

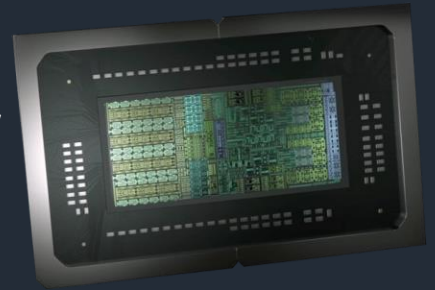


# AI TOP ATOM- Your Personal AI Supercomputer



The GIGABYTE AI TOP ATOM is your personal AI supercomputer, delivering petaflop-scale performance in a compact, energy-efficient form factor—perfect for local AI development right at your desk.

**NVIDIA® GB10 Grace Blackwell Superchip**  
**128 GB LPDDR5x Coherent Unified System Memory**  
**NVIDIA® ConnectX®-7 NIC**  
**NVIDIA AI Software Stack**



**NVIDIA Blackwell GPU**  
**NVIDIA Grace 20 Core Arm CPU**  
**Up to 1 petaFLOP of AI Performance**  
**AI models up to 200B Parameters**  
**Connect two AI TOP ATOM to work with larger models**

# WORKLOADS



## Prototyping

Makes AI prototyping effortless on local systems—ideal for innovation and iteration.



## Fine-Tuning

Fine-tune pre-trained models with your data for domain-specific AI—like a chatbot. Gain speed, privacy, and control



## Inference

Enables fast, secure inference for testing, evaluation, or running personal AI assistants—directly from your desktop.



## Data Science

From exploration to prediction, AI TOP ATOM powers the full data science workflow locally with speed and privacy.



## Edge Application

AI TOP ATOM delivers powerful edge performance for robotics, vision, and multimodal AI—all in a compact form.

# SCALABILITY



GIGABYTE AI TOP ATOM supports the full NVIDIA AI software stack and provides access to AI TOP Utility for easy local training, inference, and deployment—plus the flexibility to scale to more powerful on-prem solutions.

## NVIDIA SOFTWARE STACK

Provides full access to the NVIDIA AI software stack  
Easily migrate work to DGX Station, DGX, DGX Cloud or any accelerated infrastructure in the data center or cloud.

## AI TOP UTILITY

AI TOP Utility brings essential AI capabilities into a compact, intuitive platform, enabling users to explore and deploy AI models locally with ease. With a simplified workflow and streamlined tools, it allows developers, researchers, and enthusiasts to start their AI projects without complex setup.



### Current Capabilities:

- Model Download
- Inference
- RAG
- Machine Learning