



Ultra-Small AI Supercomputer

Seamless integration and deployment, revolutionizing AI development and research.



ASUS ASCENT GX10
NUC Mini PC

KEY FEATURES

- CPU**
ARM v9.2-A CPU (GB10)
- Operating System**
NVIDIA DGX OS / NVIDIA AI Software Stack
- Graphics**
NVIDIA Blackwell GPU (GB10, integrated)
- External Ports**
 - 1 x Power button
 - 3 x USB 3.2 Gen 2x2 Type-C, 20Gbps, alternate mode (DisplayPort)
 - 1 x USB 3.2 Gen 2x2 Type-C, with PD in (180W EPR PD3.1 SPEC)
 - 1 x HDMI 2.1
 - 1 x NVIDIA® ConnectX®-7 SmartNIC
 - 1 x 10G LAN
 - 1 x Kensington Lock

TECHNICAL SPECS

- Weight**
3.26 lb.
- Dimensions**
5.91 x 5.91 x 2.01 inch
- Environment**
0° to 60° C
- Power**
Up to 240W (USB-C PD 3.1 EPR) up to 48V/5A
180W via USB-C
- Physical Characteristics**
Metal housing
- Memory**
128 GB LPDDR5x Coherent Unified System Memory
- Storage**
1TB M.2 2242 NVMe PCIe® 4.0 x 4 SSD or
2TB M.2 2242 NVMe PCIe® 4.0 x 4 SSD or
4TB M.2 2242 NVMe PCIe® 5.0 x 4 SSD

IDEAL FOR:

- AI development and research.
- Medical Research & AI
- Education & AI
- Government & Defense AI

Part Number

BENEFITS



AW-EM637 Wi-Fi 7 (Gig+) 2x2 + Bluetooth® 5



ARM v9.2-A CPU (GB10)



Compact small form factor reduces desktop footprint



NVIDIA Blackwell GPU (GB10, integrated)