



# MAGNUS EN255050EC (Barebone)

SKU: ZBOX-EN255050EC-BE/BE1/J/U/K/AUS

The MAGNUS EN255050EC features a full-fledged desktop GeForce RTX Graphics card in its tiny 2.65 Liters chassis. With a 14 Core Intel Core Ultra processor and a GeForce RTX 5050 graphics card, this mini PC outperforms many computers of its size, and excels at gaming and creative tasks.



## KEY FEATURES

- Powered by NVIDIA Blackwell architecture and DLSS 4
- Compact 2.65 Liter chassis
- Dual Thunderbolt 4
- Intel Core Ultra 5 Processor 235HX
- Desktop GeForce RTX 5050 8 GB GDDR6 GPU
- Native 4K output, up to 4 displays
- Dual M.2 NVMe Slots
- Overall 448 AI TOPS (CPU + GPU)
- Real-time Ray Tracing
- DLSS 4 with Multi-Frame Generation
- NVIDIA® Studio Drivers Compatible
- NVIDIA® G-SYNC® compatible
- Microsoft DirectX 12
- Wi-Fi 7 & Bluetooth 5.4, Dual LAN
- Gaming Ready / Creator Ready / 4K Ready / AI Ready
- Wall Mount Ready

## TECHNICAL SPECIFICATIONS

### SPECIFICATIONS

- Intel Core Ultra 5 Processor 235HX (14 Cores, 2.9 GHz up to 5.1 GHz)
- ZOTAC GAMING GeForce RTX 5050 8GB GDDR6 128-bit
- Up to 448 AI TOPS

### DISPLAY OUTPUTS

- 3 x DisplayPort 2.1b with UHBR20 (up to 4K 480Hz or 8K 165Hz with DSC)
- 1 x HDMI® Connector (Supports 4K 480Hz HDR or 8K 120Hz HDR with DSC, and Gaming VRR as specified in the HDMI 2.1b Specification)
- Up to Quad Display Support

### HARD DRIVE & MEMORY

- 2 x DDR5-6400 CSODIMM/DDR5-5600 SO-DIMM Memory slots (up to 96GB)
- 1 x M.2 NVMe PCIe 4.0 x4/SATA SSD slot (2280)
- 1 x M.2 NVMe PCIe 5.0 x4 SSD slot (2280)

### FRONT PORTS

- 1 x USB 3.2 Gen 2 (10Gbps, Type-A)
- 2 x Thunderbolt 4
- Power button and power LED
- Wi-Fi LED, SSD LED

### REAR PORTS

- Power Connector
- 4 x USB 3.2 Gen 2 (10Gbps, Type-A)
- 2 x 10/100/1000/2500 Ethernet
- Dual Wi-Fi antenna connector

### CONNECTIVITY

- Wi-Fi 7 (802.11 be)
- Bluetooth 5.4

### AUDIO OUTPUTS

- Onboard 8 Channel Digital Audio via HDMI
- Analog Stereo In / Out

### SOFTWARE COMPATIBILITY

- Microsoft Windows 11 ready

### INSIDE THE BOX

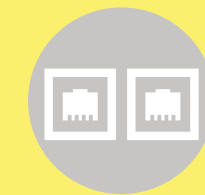
- ZOTAC ZBOX MAGNUS EN255050EC
- Power Adapter
- Power Cord (Quantity and bundled cable type dependent on region)
- 2 x Wi-Fi Antenna
- Wall Mount Brackets (1 Pair, with Screws)
- USB Flash Drive with drivers
- Quick Install Guide

### MINI PC DIMENSIONS

- Length: 210mm (8.27in)
- Width: 203mm (7.99in)
- Height: 62.2mm (2.45in)

### BOX DIMENSIONS

- Length: 275mm (10.81in)
- Width: 265mm (10.4in)
- Height: 129mm (5.08in)



DUAL 2.5G LAN



THUNDERBOLT 4



WIFI 7



QUAD DISPLAY SUPPORT



ULTRA HD 4K

©2025 ZOTAC Technology Pte. Ltd. All rights reserved. All company and/or product names may be trade names, trademarks and/or registered trademarks of the respective owners with which they are associated. Features, pricing, availability and specifications are subject to change without notice. ZOTAC Technology Pte. Ltd. does not warrant the accuracy, completeness or reliability of information, materials and other items contained on this website or server. No liability is assumed with respect to the use of the information contained herein. When accessing this website, users acknowledge that ZOTAC Technology Pte. Ltd. will not be liable in any event for any damages arising out of the use of this site or any websites linked to it.

©2025 NVIDIA Corporation. NVIDIA, the NVIDIA logo, and GeForce are registered trademarks of NVIDIA Corporation in the U.S. and other countries. All rights reserved.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

ZOTAC.COM